Fisheries and Oceans
Pêches et Océans

Canada

87-04473/

1984 SURVEY OF INCOME AND EMPLOYMENT OF ATLANTIC AND QUÉBEC FISHERMEN

Text Prepared by:

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Published by:

Information and Publications Branch
Communications Directorate
Fisheries and Oceans
Ottawa, Ontario
K1A 0E6

DFO/3610

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Cat. No. Fs 23-106/1987E
ISBN-0-662-15386-3

"Également disponible en français sous le titre:
ENQUÊTE SUR L'EMPLOI ET LES REVENUS DES PÊCHEURS DE L'ATLANTIQUE ET DU QUÉBEC 1984"

FOREWORD

In Spring 1985, the Department of Fisheries and Oceans (DFO) surveyed the 1984 income and employment situation of commercial fishing licence-holders in the Atlantic provinces and Quebec. This report presents the survey results.

The purpose of this survey was to update information on Atlantic commercial fishermen: fishing revenues, operating cash costs, other sources of income, fishing effort and so on. The first such survey was conducted by the Department for the Task Force on Atlantic Fisheries (1982) and was based on the 1981 fishing year. The Task Force recommended that regular updates of that survey be conducted for the benefit of the industry and policy-makers. The 1984 survey responds to that recommendation.

The Surveys Unit of the Economic and Commercial Analysis Directorate in the Department prepared the 1984 Survey of Atlantic Fishermen. Statistics Canada conducted personal interviews with licensed fishermen, and processed and edited the survey in conjunction with the Surveys Unit. The Department analyzed the data through a project funded under the International Youth Year Program.

The 1981 survey involved approximately 1,300 respondents from Newfoundland, New Brunswick, P.E.I. and Nova Scotia. The 1984 survey included Quebec, and involved 1,847 respondents.

While all of the fishermen interviewed held 1984 commercial licences, not all of the licences were used. This report is based only on those 1,433 respondents who actually earned fishing incomes that year but the numbers of fishermen have been weighted to represent the entire population of Atlantic commercial fishermen.

The results of the survey are aggregated by province, by DFO region, and by analytical areas used by the 1982 Task Force on Atlantic Fisheries. These 13 Task Force areas are defined and illustrated in Appendix I. Breakdowns are presented in table form in Appendix II, for full-time fishermen, part-time fishermen, and for all respondents. Much of the information is presented as averages. This can be misleading in an industry as diverse as the Atlantic fishery in terms of length of season, price received for species landed and access to other employment. These averages, therefore, may not always describe actual situations in many areas and should be used with some caution.

The written portion of this report summarizes the tables presented in Appendix II. The reader is encouraged to examine the tables and graphs in detail, as each one may reveal information relevant to a particular issue which is left untouched in the text.

Appendix III presents the differences in the income, expenses, and employment situation of fishermen between 1981 and 1984, based on the results of the two surveys.

The results of this survey now provide the most comprehensive, detailed and up-to-date information on Atlantic fishermen's incomes, employment and fishing patterns. A comparable survey undertaken in the Pacific industry, based on 1985, is now being analyzed.

Any comments or suggestions on the contents of this summary report would be welcome.

Finally, I would like to acknowledge the contribution of all who worked on this publication, but especially Sandra Allen and Kieth Brickley, upon whom its completion hinged.

R.W. Crowley
Director General
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1984 SURVEY OF ATLANTIC FISHERMEN

FULL-TIME AND PART-TIME FISHERMEN

In 1981, DFO began classifying Atlantic commercial fishing licences as full-time or part-time to distinguish between those who relied primarily on fishing for their livelihoods and those who fished to supplement other income. A full-time fisherman is defined as a person who fishes consistently for a specified period of time in his/her area, without other work during that period except self-employment in the primary industries on a limited basis, or incidental or occasional jobs during the required fishing period. A part-time fisherman, then, is a commercial fisherman who does not meet these requirements.

The 1984 survey asked fishermen to identify themselves as full- or part-time licence-holders. Newfoundland is the only province where a clear licence distinction is officially made. Designations in the other four provinces were determined according to the responses provided by the surveyed fishermen themselves and are used for analytical purposes in this report.

PARTICIPATION

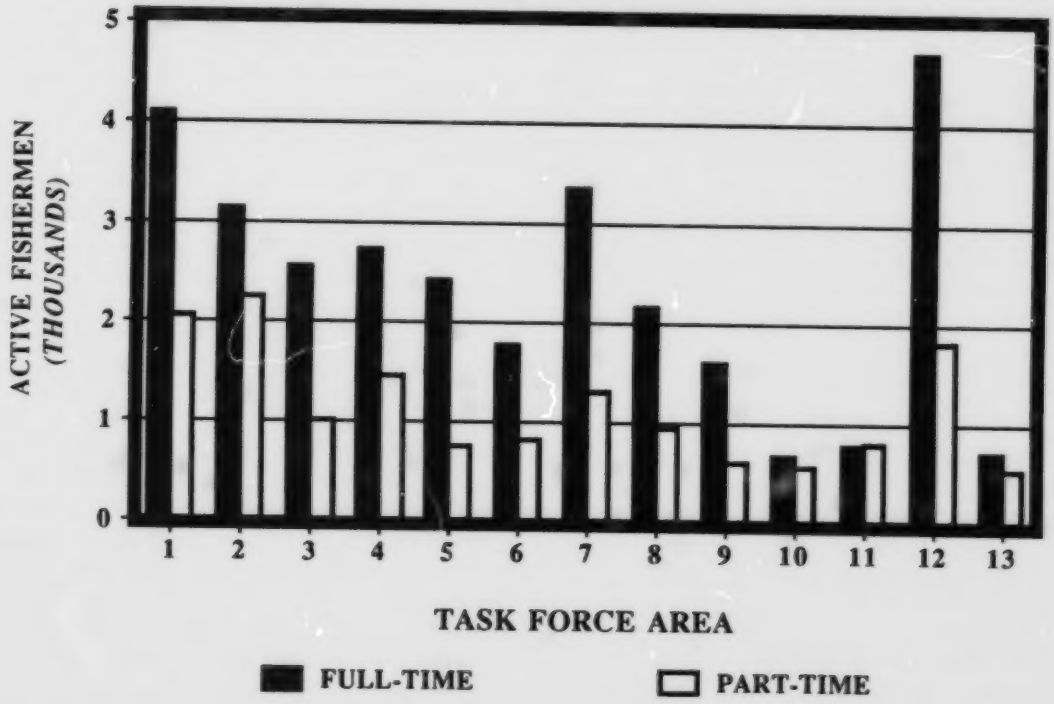
People who want to fish and sell all or part of their catch must purchase a personal commercial fishing licence from the federal government. In 1984, DFO issued 59,150 such licences in the five Atlantic provinces. Newfoundland received the largest share of the licences (27,617 or 47%), followed by Nova Scotia (13,252 or 22%) and Quebec, New Brunswick and Prince Edward Island (14%, 11% and 6% respectively).

Not all licences issued are actually used in a particular season. In 1984, 44,796 licence-holders, or approximately 75%, actually participated in the fishery. The proportion of full-time licence-holders who were active fishermen was consistently high across all provinces (between 91% and 99% except in Quebec where only 75% of full-time fishermen were active). The same consistency is not apparent among part-time licence-holders, of whom 57% were active in 1984. Off the Gulf coast of Nova Scotia, as many as 91% of the part-timers used their licences, while in northeast Newfoundland and Labrador where inshore fishing is not as lucrative, and where it appears that many hold licences to preserve their future access to the fishery, the number of active part-time participants drops to 36%. The split between active full- and part-time fishermen by the 13 analytical areas is illustrated in Graph 1. According to the survey, of the 44,796 active fishermen, 30,189 (67%) were full-time, while 14,607 (33%) were part-time.

GRAPH 1

PARTICIPATION IN COMMERCIAL FISHERY

LICENCE TYPE BY TASK FORCE AREA



SEE APPENDIX 1 FOR DESCRIPTION OF NUMBERED GEOGRAPHICAL AREAS

The number of licence-holders, as well as the proportions of full-time and part-time fishermen who earned income from fishing in 1984, are displayed by Task Force area, DFO region, and province in Tables 1:1, 1:2, and 1:3 respectively.

Survey results indicate that 42% of Atlantic fishermen were under the age of 35, 26% were between 35 and 44, and 33% were over 45. While, on average, 6% of fishermen were over 65, more than double that percentage (15%) on the Gulf coast of Nova Scotia exceeded that age.

The survey found that the average family size of a fisherman contained 3.8 individuals for a total of 140,000 people. Some 7,880 fishermen belonged to households containing at least one other active fisherman. Some 9,650 family members (7%) worked in fish processing jobs, demonstrating the dependence of some households on the fishing industry. Newfoundland had the highest numbers of active fishermen and plant workers in each household. (See Tables 2:1 to 2:9.)

OVERVIEW OF THE ATLANTIC FISHERY

The Atlantic fishing industry is diverse. The major species, including groundfish, herring, lobster, crab, shrimp, and scallops, vary widely in market price. Season lengths vary by species and region. For example, the length of a lobster season generally differs from that of groundfish for a particular area and season lengths for the same species also vary from area to area. Schooling patterns of different fish dictate the most effective type of gear and vessel to use for harvesting. The combination of these factors affect a fisherman's gross fishing income, operating costs, and therefore net fishing income. Some areas offer off-season jobs, while others have only scarce alternative employment. All of these factors contribute to the diversity of the industry and the income of its participants.

The survey covered some key characteristics concerning fishing activity in each province. The longest periods of fishing activity were in Nova Scotia where fishermen averaged 22 weeks. Fishermen fished an average of 18 weeks in P.E.I., 17 in Newfoundland, 15 in New Brunswick, and 13 in Quebec.

Newfoundland. The groundfish fishery is the most important in Newfoundland, accounting for 83% of the province's total landings. Half of all the groundfish landings in Atlantic Canada were taken in Newfoundland. Fishermen in this province spent most of their time fishing for groundfish, and considerably less time pursuing other species. Crab and shrimp were second in terms of quantity. The most frequently used vessels were the outboard skiff in the inshore fishery and the longliner in the midshore fishery. Net fishing income was lower in Newfoundland than in the other Atlantic provinces, averaging $5,328.

Fishermen worked an average of 3.8 weeks in other employment, earning $1,215. On average they collected UI benefits for 18 weeks, averaging $3,398 for the year. Total income from all sources for the average Newfoundland fisherman was $10,530, the lowest in the five provinces.

Quebec. Quebec fishermen also devoted most of their fishing time to groundfish which accounted for 67% of the province's landings but only 8% of Atlantic groundfish landings. Quebec landed 45% of the Atlantic shrimp harvest, although on average little time was spent by fishermen in the shrimp fishery. The tender and the trawler were the two most commonly used vessels. Net fishing income averaged $5,486 and income from other employment averaged $1,645 from 4.5 weeks of work. Quebec fishermen collected an average of $3,491 in UI benefits over an average of 21 weeks. Total average income from all sources was $11,376.

Prince Edward Island. Lobster is the most important species in P.E.I., accounting for 21% of all lobster landings in Atlantic Canada and accounting for most of the average P.E.I. fisherman's fishing time. Groundfish was also important on a provincial basis but, at less than 3% of total Atlantic groundfish landings, it was relatively minor from a regional perspective. The tender and outboard were the most widely used vessels in P.E.I. Net fishing income averaged $8,393; income from other employment averaged $1,014 for four weeks' work, and UI benefits averaged $3,556 over 21 weeks. Average income from all sources was $14,350.

New Brunswick. New Brunswick fishermen landed 42% of the Atlantic crab catch in 1984 although, in terms of landed weight, herring accounted for more of the province's total landings. Lobster landings in New Brunswick accounted for 21% of the Atlantic total, and the average fisherman spent more of his/her season on lobster than any other species. The tender and the trawler were the two most widely used vessels. Net fishing income averaged $9,636; income from other employment averaged $1,759 for five weeks of work; and UI benefits averaged $3,885 over 19 weeks. Total income from all sources averaged $16,181.

Nova Scotia. Fishing is more lucrative in Nova Scotia than in the other Atlantic provinces. In 1984, the average fisherman devoted most of his/her time to fishing groundfish, catching 37% of the Atlantic groundfish landings. Nova Scotia fishermen also caught 43% of the lobster and 77% of the scallops. The tender and the dragger were the two most widely used vessels. Nova Scotia fishermen averaged $12,936 in net fishing income, $2,397 in six weeks of other employment, and $2,696 in UI benefits over 10 weeks. The total average income was $19,453.

This brief overview illustrates the diversity of the Atlantic fishery. This diversity becomes even more apparent when examined in smaller areas, and when full- and part-time fishermen

are compared. The 1982 Task Force divided the Atlantic fishery into 13 coastal areas which remain convenient for analytical use. The remainder of the report concentrates on the differences among these 13 areas for full- and part-time fishermen in terms of annual activity and incomes.

ANNUAL ACTIVITY

Lengths of seasons vary according to the availability of species, gear type, vessel size, weather, ice conditions, and area closures. Some areas sustain year-round fisheries while others support seasons lasting only a few weeks. Some fishermen exploit each season to the fullest while others stop part-way through and supplement their incomes from other sources.

In 1984, Atlantic fishermen fished an average of 17 weeks and devoted an average of seven weeks to preparation for the season. Fishermen also spent an average of five weeks in other income-earning employment, 17 weeks collecting unemployment insurance (UI), and six weeks at other activities. (See Table 4:1.) The longest period of fishing was in southwest Nova Scotia where the average fisherman fished 26 weeks, compared with a low of 13 weeks in southeast Newfoundland. When preparation and other related activities such as vessel and gear repair are included, total fishing activity averaged 24 weeks, ranging from 18.5 weeks in southeast Newfoundland to 33 weeks in southwest Nova Scotia.

There is a noticeable difference in annual activity between full-time and part-time fishermen. The average "full-timer" fished 20 weeks, compared to "part-timers" who averaged 13 weeks. Full-time fishermen in general spent almost twice as long in preparation for the fishing season, averaging seven weeks as compared to four for part-time fishermen. (Fishermen may build boats and prepare for the season without losing UI benefits.)

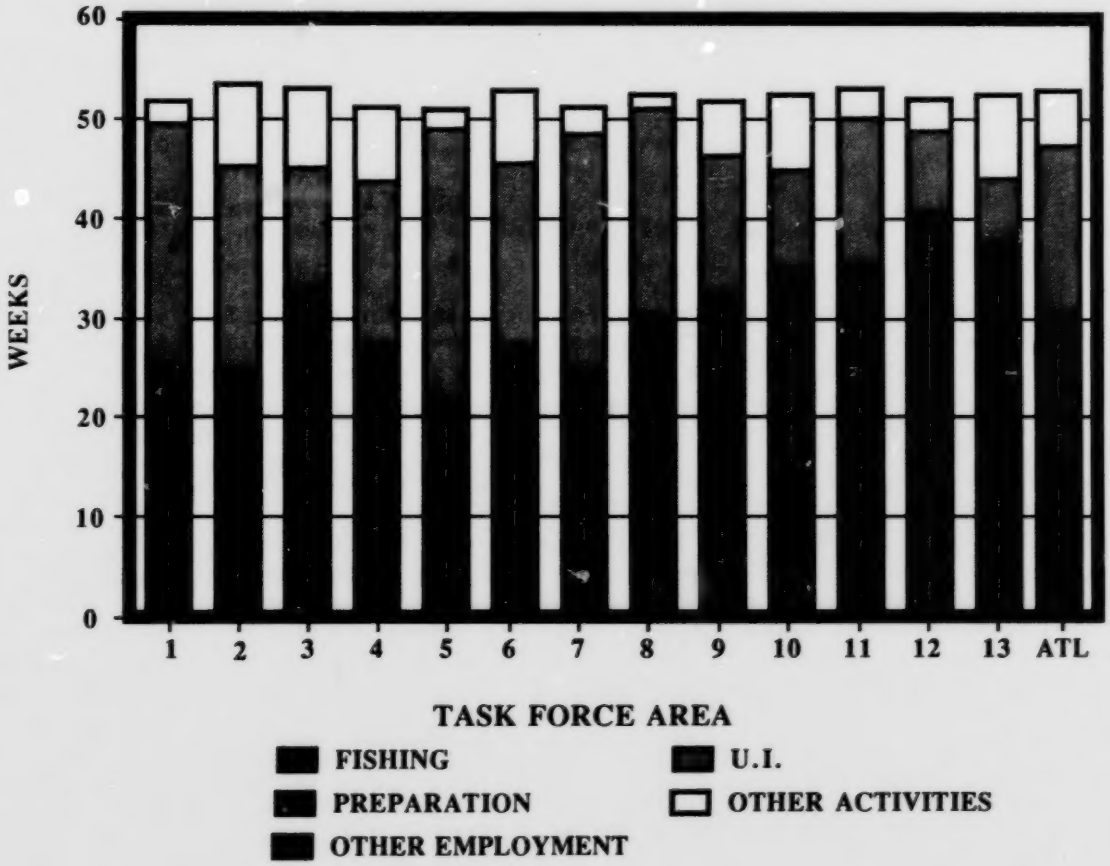
The distribution of annual activity of full-time and part-time fishermen by Task Force area is shown in Graphs 2 and 3, and in Tables 4:2 and 4:3 respectively in Appendix II. The average number of weeks spent fishing among full-time fishermen was highest in southwest Nova Scotia at 29 weeks, followed closely by southern Newfoundland at 28 weeks. The shortest period of fishing activity by full-time fishermen was on the north shore of Quebec at 14 weeks. Northeast Newfoundland and Labrador, Gaspé Quebec, and the Gulf coast of New Brunswick, all averaged 15 weeks. The number of weeks, including preparation time and other fishing related activities, ranged from 37 in southwest Nova Scotia to 20 on the north shore of Quebec.

The average part-time fisherman fished 13 weeks. This ranged from a low of 10 weeks in southeast Newfoundland and the Gulf coast of New Brunswick, to a high of 18 weeks in southwest Nova Scotia.

GRAPH 2

ANNUAL ACTIVITY IN WEEKS

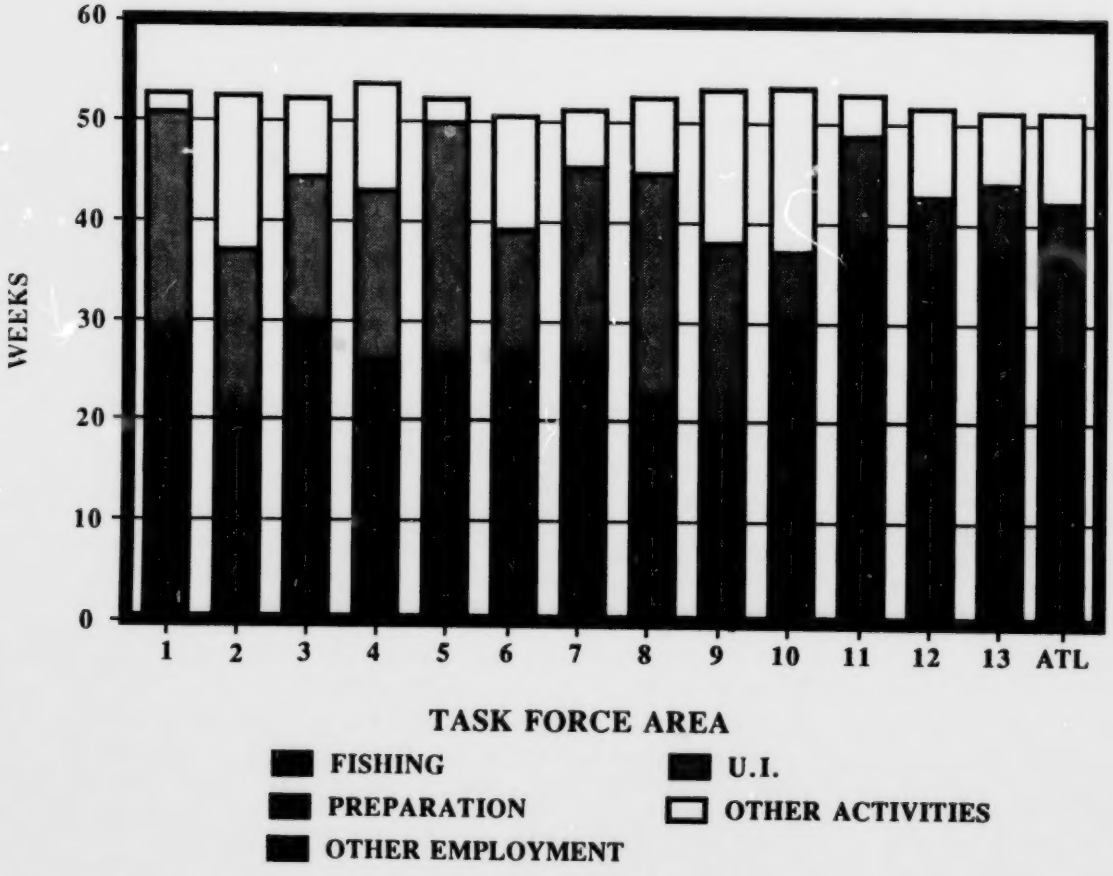
FULL-TIME FISHERMEN BY TASK FORCE AREA



GRAPH 3

ANNUAL ACTIVITY IN WEEKS

PART-TIME FISHERMEN BY TASK FORCE AREA



According to fishermen surveyed, the two major factors affecting the length of time spent fishing were weather and the availability of fish. Less significant factors were vessel or gear repairs, poor prices, area closures, quotas, and plants not buying their landings. (See Table 5:1.)

Not surprisingly, other occupations are far more important for part-timers than for full-timers. On average, part-time fishermen in the Atlantic region spent nine weeks in other occupations. (See Table 4:3.) This is in sharp contrast to full-time fishermen who averaged only 2.4 weeks in other paid employment. (See Table 4:2.) On the eastern shore of Nova Scotia, for example, part-timers worked an average of 16 weeks in other occupations and only 15 weeks in actual fishing activity. The employment experience of part-timers in other areas may indicate a scarcity of alternative employment opportunities. In southeast Newfoundland, for example, part-time fishermen spent an average of only six weeks in other employment.

Both full-time and part-time "average" fishermen collect unemployment insurance for much of the year. To qualify under the Seasonal Fishermen's UI Program, a fisherman must be self-employed and work at least 10 weeks in insurable employment, six of which must be spent fishing. As well, fishermen who work on large vessels rather than being self-employed, or those who work part-time at other occupations, may be eligible for benefits under the regular UI program. On average, full-time fishermen collected UI benefits for 17 weeks during their "off" season. Part-time fishermen collected benefits for an average of 15 weeks.

Depending on the season and the region, UI benefits can be an extremely important income supplement (see Table 4:2). In areas where fishing activity lasts for a reasonably long period, such as southwest Nova Scotia or Fundy New Brunswick, the average UI claim period was fairly short (eight and seven weeks respectively). However, at the other extreme, full-time fishermen on the north shore of Quebec collected UI for an average of 27 weeks and fished an average of 14.

FISHING INCOME

This survey collected data on components of gross fishing income and on cash costs associated with fishing; depreciation costs are not included. Therefore, net fishing incomes presented here are cash revenues generated in the 1984 fishing season less the cash costs of fishing that season. Technically, they represent cash flow rather than financial income from fishing, and provide a simple picture of how much a fisherman earned from fishing in 1984.

Gross fishing incomes vary widely across the Atlantic fishery, and between full-time and part-time fishermen. Full-time fishermen usually own their vessels and earn their income mainly from the sale of their catches. Part-time fishermen usually work as deck-hands on another person's vessel and earn most of their income from crew shares or wages. The average gross fishing income earned by full-time fishermen was $18,271, more than four times the average part-time fisherman's fishing income of $4,465. (See Tables 7:2 and 7:3.)

Fishing expenses vary among the provinces as well, depending on the type of gear, the number of days at sea, whether they are crewmen or skippers, the length of the vessel, and so on. This survey examined cash costs which include operating expenses such as fuel, bait, ice, salt, crew shares paid out, and gear and vessel repairs, as well as fixed expenses such as insurance, union and association dues. accounting fees and rental charges. Extraordinary losses of vessel or gear were also included, as were payments on principal debt and interest. No depreciation costs were estimated, consistent with a cash-flow analysis.

Expenses of full-time fishermen were more than eight times those of "part-timers", as most of the expenses are borne by the skippers who fish full-time. (Tables 6:2 and 6:3 A, B.) The average fisherman had cash costs of $5,154 from fishing in 1984 with a wide disparity between the expenses of full-time fishermen which averaged $7,228 and those of part-time fishermen which averaged $866.

The major expense for full-timers was crew wages or crew shares, an arrangement whereby the crew receives a share of the value of the total catch. This accounted for an average of $2,551 or 35% of their total expenses. The value paid out in crew shares varied widely across the 13 areas. Full-time fishermen in northeast Newfoundland and Labrador and on the north shore of Quebec paid an average of approximately $500, while those in southwest Nova Scotia and Fundy New Brunswick paid approximately $6,000. Crew shares were also relatively high in Gaspé Quebec at $3,871. The range depended on the average crew size, as well as the value of the average catch in each area, and was higher where the seasons were longer and the major species harvested were more valuable.

Expenditures on fuel, oil, and grease accounted for an average of 18% of the total expenses for full-timers. Fishermen in Fundy New Brunswick spent $2,308 compared with those in southeast Newfoundland who spent $735. This difference is partly due to the length of the seasons (16 weeks in southeast Newfoundland and 25 weeks in Fundy New Brunswick) but, more importantly, to the type of fishing method. The majority of fishermen in Fundy New Brunswick used the tender boat or outboard as a vessel. In southeast Newfoundland, the outboard and longliner were the most common vessel types.

Vessel and gear repairs accounted for an average of 15% of total expenses in 1984. This expense was again highest in Fundy New Brunswick, where full-time fishermen spent $2,594 on repairs, compared to $2,075 in Gaspé Quebec, $450 in south Newfoundland, and $565 on the north shore of Quebec.

Bait, ice, and salt expenses averaged $542 among full-time fishermen. This expense was highest in northeast Nova Scotia at $1,329 and southwest Nova Scotia at $1,202, and lowest in northeast Newfoundland and Labrador at $84.

Debt repayment was also included as a cash cost. Payments on principal debt averaged $811 for full-time fishermen, ranging from $339 in southeast Newfoundland to $2,035 in Fundy New Brunswick. Interest payments averaged $246 across all full-time fishermen.

Other expenses included provisions, vessel and gear losses, insurance, interest payments, union and association dues, accounting fees and rental charges.

Overall, fishing expenses were highest for full-time fishermen in Fundy New Brunswick, where total cash costs were $16,370 and crew shares accounted for 39% of these costs. The lowest total expenses for full-timers were in northeast Newfoundland and Labrador at $3,421. Here, fuel, oil and grease made up the largest portion of total cost at 29%.

Expenses for part-time fishermen were considerably lower. Fuel, oil and grease were the major expenses, averaging $252. The Task Force area where this expense was particularly high was Gaspé Quebec, where it averaged $1,059. The other areas averaged between $135 on the Gulf coast of Nova Scotia and $364 on the north shore of Quebec.

Vessel and gear repairs for part-timers averaged $166 for the year, again with one Task Force area of northeast Nova Scotia showing an abnormally high average of $1,010. The other areas averaged between $37 on the north shore of Quebec and $284 on the eastern shore of Nova Scotia. Payments on principal averaged $71, with part-timers in Gaspé Quebec paying $318, the highest of the 13 areas. Provisions and crew shares paid out each accounted for approximately 12% of total expenses while other expenses such as insurance, interest, and various fees were lower.

Part-timers in northeast Nova Scotia had the highest fishing expenses at $2,471, with vessel and gear repairs making up 41% of the total cost. Gaspé Quebec fishermen averaged $2,419 in fishing expenses, where fuel, oil and grease accounted for 44% of the total. P.E.I. part-timers had the lowest expenses at $474.

Expenses vary yearly depending on fuel costs, the length of the season, the value of the catch, and the amount of damage or loss to the vessel or gear. On average, fishing expenses were lower in 1984 than they were in 1981, according to the two surveys. (See Appendix III.)

Net fishing incomes (or cash flows) are defined here as gross fishing income less fishing cash costs. They are displayed in Graphs 4 and 5, and summarized in Tables 9:2 and 9:3 for full-time and part-time fishermen by Task Force area. The average net fishing income for full-time fishermen was $10,232. Southwest Nova Scotia had the highest full-time net fishing incomes, averaging $19,798 and the highest gross fishing incomes at $33,637, with cash costs second highest. Gulf New Brunswick had the second highest average net cash flow of $13,063, due primarily to lower costs. Gulf New Brunswick had the fourth highest gross fishing incomes but registered only sixth in terms of costs. The lowest full-time gross and net fishing incomes were in northeast Newfoundland and Labrador where the average was $3,722, comparable to part-time net incomes in some other areas. (This area also had the lowest gross fishing incomes of the 13 areas.)

The average part-time fisherman earned $3,528 in net fishing income in 1984. The lowest incomes were in northeast Newfoundland and Labrador, averaging $1,913; the highest were in southwest Nova Scotia at $7,378, again considerably above the second-highest earning area of Fundy New Brunswick where the average was $4,937.

While all of the fishermen considered in the analysis of this survey were active, their incomes varied significantly. In northeast Newfoundland and Labrador, for example, 83% of the fishermen earned net fishing incomes of less than $5,000 compared to 70% in Gaspé Quebec, 45% in Gulf New Brunswick, 45% in P.E.I., and 26% in southwest Nova Scotia. Across the five provinces, 56% of all active fishermen earned less than $5,000.

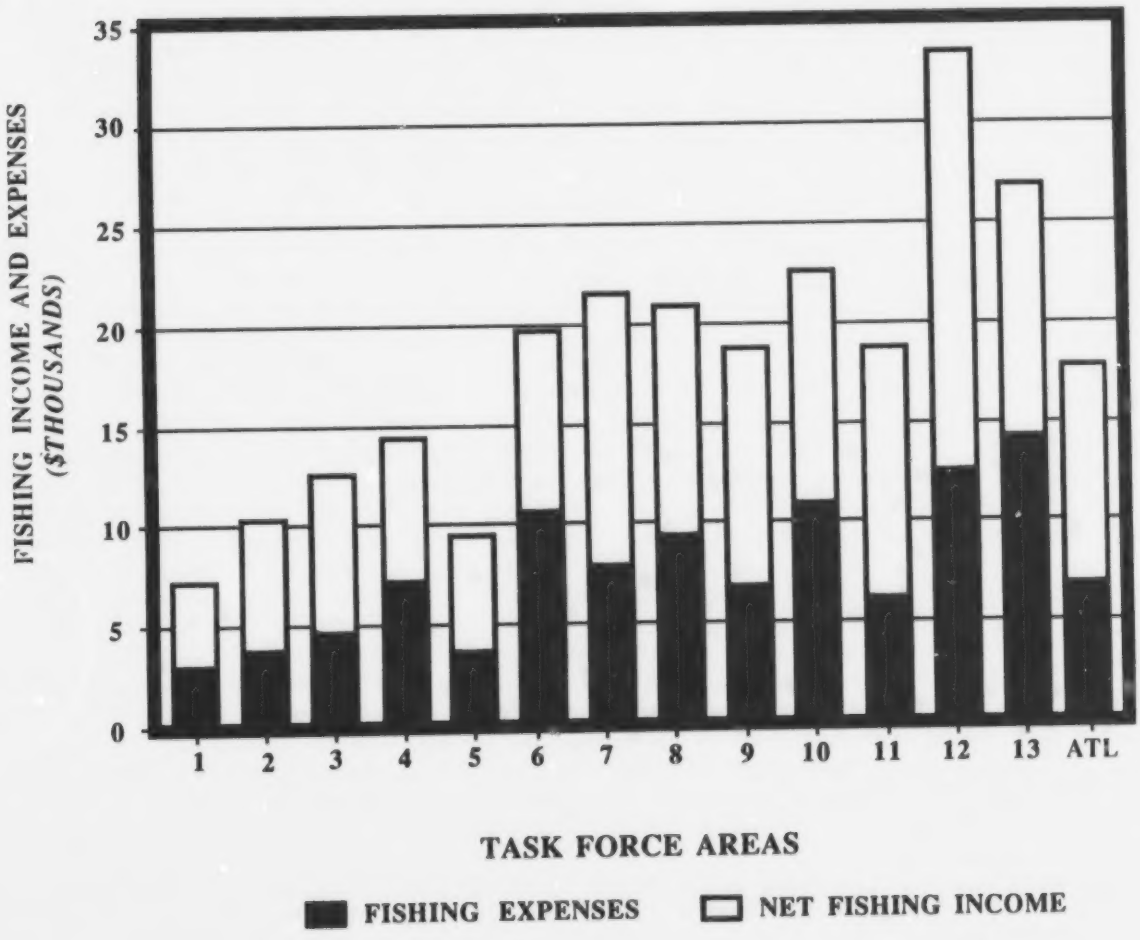
At the other end of the scale, less than 1% of the fishermen in northeast Newfoundland and Labrador earned more than $30,000 in net fishing income, compared to 4% in Gaspé Quebec, 3% in P.E.I., 6% in Gulf New Brunswick, and 13% in southwest Nova Scotia. Overall, 4% of active Atlantic commercial fishermen netted more than $30,000 in 1984. (Table 10:1)

It is interesting to note the variability in net fishing incomes among full-time and part-time fishermen: 5% of full-timers earned more than $30,000, compared to less than 1% of the part-timers, while 44% of the full-timers and 81% of the part-timers earned less than $5,000 from fishing in 1984. These distributional variances are masked when averages are used to describe the industry. The large numbers of Atlantic fishermen who earned low incomes is clearer when median net fishing incomes are compared with averages.

GRAPH 4

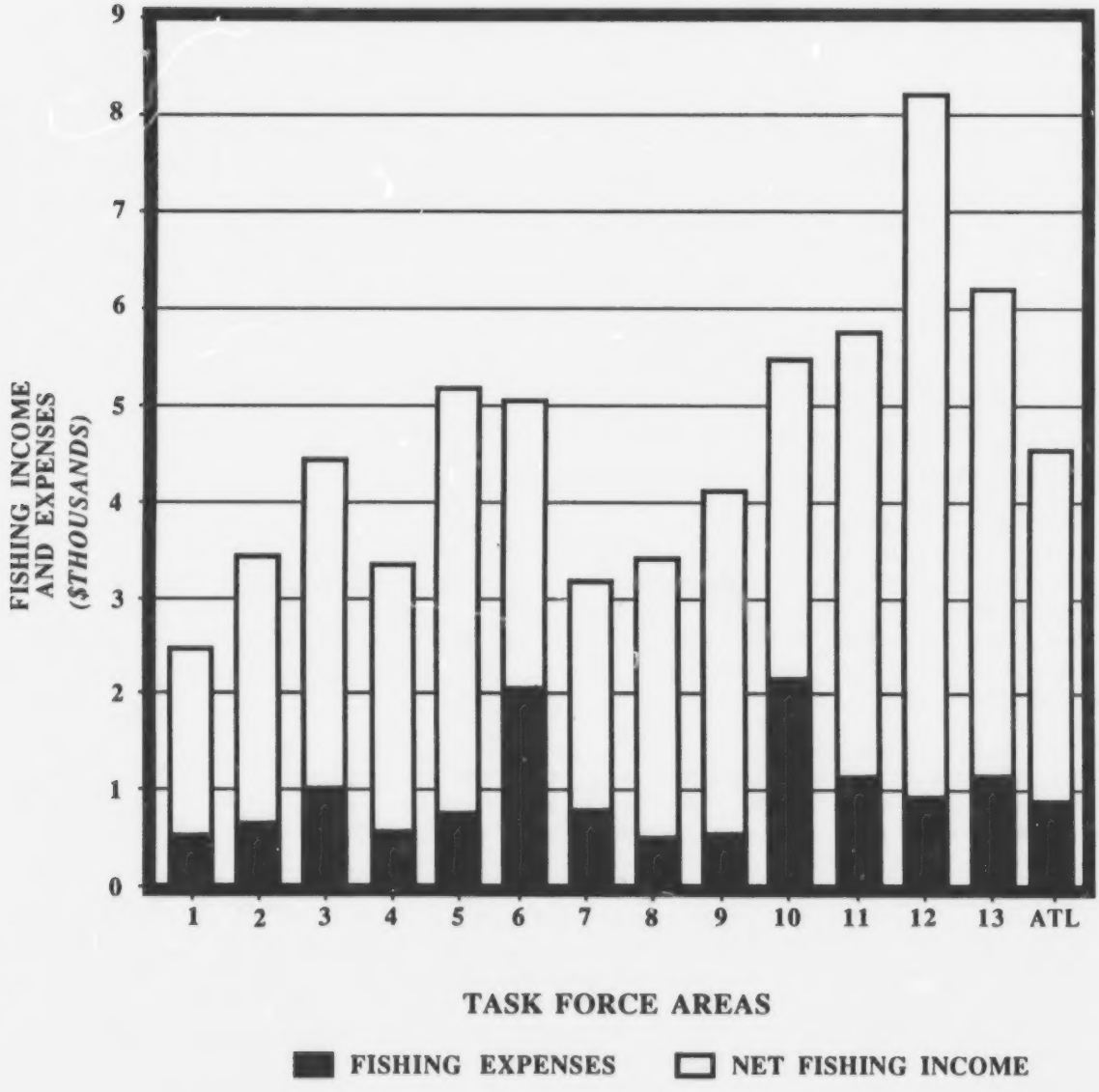
FISHING INCOME AND EXPENSES

FULL-TIME FISHERMEN BY TASK FORCE AREA



GRAPH 5

FISHING INCOME AND EXPENSES
PART-TIME FISHERMEN BY TASK FORCE AREA



The median income level represents the earnings of the "middle" fisherman in each sample. That is, half the fishermen surveyed earned more than this amount and half earned less. The median net fishing income for all Atlantic fishermen was $4,200. However, the small proportion who earned a relatively high income from fishing raised substantially the average of the entire group to $8,046. For full-time fishermen, the median net fishing income was $6,100 compared to an average of $10,232. The median income for part-time fishermen was $2,000 which was also considerably lower than the average net fishing income of $3,528.

A comparison between average and median levels of income from all sources shows a smaller gap between the two measures, although in most cases the median is still below the average income from all sources. This is because the "highliners" who pulled up the average do not substantially supplement this income with income from other sources. However, fishermen who earned lower net fishing incomes raise their total income through other employment, UI, and various other sources, so that the "middle" fisherman now earns closer to the average total income. A table comparing average and median income levels for net fishing and income from all sources is provided at the end of this report, for all fishermen, full-time fishermen, and part-time fishermen, by province.

The differences between median and average income figures point to additional caution in the interpretation of these survey results.

INCOME FROM OTHER SOURCES

Both full-time and part-time fishermen generally rely on other sources of income to supplement their livelihoods. Some other form of paid employment is common among most fishermen. Interest and investment income, unemployment insurance, pensions and various government transfers are additional sources. Tables 8:1, 8:2 and 8:3 present breakdowns of income from other sources by Task Force area.

Fish processing, construction and forestry provide some of the alternative employment opportunities outside of the fishery, although in some areas, especially Newfoundland, such employment is scarce. The average income from other employment was $1,625 which made up 28% of all non-fishing income and 12% of the total income from all sources for the average fisherman. It is clear, however, that this other income is more important to part-time fishermen than to full-timers. The average full-timer earned $880 from non-fishing employment which represented only 6% of his/her total income while the part-timer averaged nearly four times more $3,165 or 31% of his/her total income. Full-time fishermen on the Gulf coast of Nova Scotia earned $1,990 in non-fishing employment, compared with their counterparts in southern Newfoundland who earned only $219 in other jobs. On the

eastern shore of Nova Scotia, part-timers earned $5,605 while fishermen in western Newfoundland averaged only $1,656 in employment earnings outside of fishing.

Transfer payments such as unemployment insurance, family allowance, and social assistance are also important secondary sources of income for fishermen. The most important is income from the two unemployment insurance programs available to fishermen. Fishermen's UI provides benefits for self-employed fishermen while the regular program is available to those earning a contracted wage or to those who work sufficient weeks in other insurable employment. Full-time fishermen received an average of $3,150 in Fishermen's UI benefits which represented 20% of their total earned income, and an average of $524 on regular UI which accounted for 3% of their total income. Part-time fishermen averaged $1,276 in Fishermen's UI benefits (12% of their total income) and $1,478 in regular UI benefits (14% of their total income). Total UI payments represented as much as 41% of the total income of part-timers in P.E.I. and 44% of the income of full-timers in northeast Newfoundland and Labrador.

On average, Atlantic fishermen earned modest incomes. Full-time fishermen earned an average of $10,232 in net fishing income and $5,417 in non-fishing income, for a total of $15,649. Part-time fishermen earned more from non-fishing sources ($6,744) than from fishing ($3,528) for a total average income of $10,272. Total income from all sources for the average fisherman was $13,896 in 1984.

Again, these averages may be misleading because, in fact, there is a wide distribution of total income levels. Seven per cent of Atlantic fishermen earned more than $30,000 in total income. However, as many as 18% of the fishermen in southwest Nova Scotia were in this bracket, compared to less than 1% of the fishermen in northeast Newfoundland and Labrador. In contrast, 26% of the fishermen in northeast Newfoundland and Labrador earned total incomes of less than $5,000 compared to 1% in southwest Nova Scotia.

It is interesting to note that among full-time fishermen, 9% earned more than $30,000 in total income compared to 2% of part-time fishermen. However 27% of part-timers earned less than $5,000 compared with 11% of the full-timers.

RECAPITULATION

This report has summarized the major findings of the 1984 Survey of Atlantic Fishermen. Its purpose has been to provide a clear picture of the income and employment situation of the participants of the Atlantic fishery. This is a difficult task.

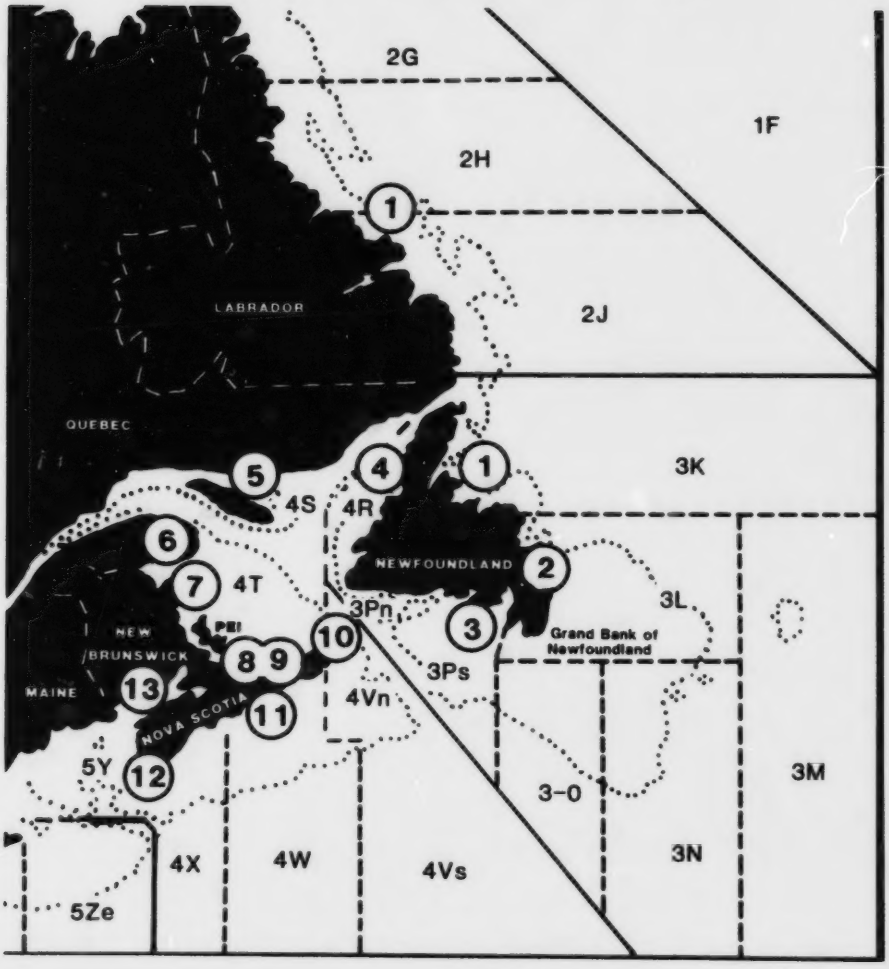
The diversity of the fishery in terms of season lengths, prices received, methods of harvesting, and weather conditions is reflected in the costs and earnings of the fishermen involved. These conditions vary by area across the five provinces, so that income levels vary as well, with some fishermen making substantial incomes while others rely on government transfers merely to achieve modest income levels.

Comparison of 1984 Average and Median Incomes ($'s)

Respondent Fishermen	Net Fishing Income		Income, All Sources	
	Average	Median	Average	Median
Atlantic				
All	8,046	4,200	13,896	11,200
FT	10,232	6,100	15,649	12,600
PT	3,528	2,000	10,272	9,174
Nfld.				
All	5,328	3,232	10,530	9,030
FT	6,805	4,500	11,735	9,933
PT	2,610	1,500	8,314	7,315
P.E.I.				
All	8,393	5,888	14,350	12,997
FT	10,743	8,774	16,424	15,002
PT	3,042	2,503	9,626	9,189
Nova Scotia				
All	12,936	8,240	19,453	16,300
FT	16,430	12,000	22,242	17,899
PT	5,532	2,600	13,564	11,612
N.B.				
All	9,636	6,241	16,181	14,017
FT	12,667	10,397	18,698	16,000
PT	3,159	1,790	10,805	11,200
Quebec				
All	5,486	2,962	11,376	10,000
FT	6,211	3,000	11,611	9,865
PT	3,029	2,952	10,257	10,974

FT = Full-Time Fishermen
PT = Part-Time Fishermen

The Atlantic Fishery



BOUNDARY OF NAFO SUB-AREAS. .....

BOUNDARY OF NAFO DIVISIONS. .....

183 METRE (100 FATHOM) CONTOUR. .....

Task Force Analytical Areas

1. North East Newfoundland and Labrador
2. South East Newfoundland
3. South Coast Newfoundland
4. West Coast Newfoundland
5. North Shore Quebec
6. Gaspé Quebec
7. Gulf New Brunswick
8. Prince Edward Island
9. Gulf Nova Scotia
10. North East Nova Scotia
11. Eastern Shore Nova Scotia
12. South West Nova Scotia
13. Fundy New Brunswick

Analytical Areas: Task Force on Atlantic Fisheries

No.	Area	Boundaries	Adjacent NAFO Area
1.	Labrador-Northeastern Newfoundland	All Labrador and Newfoundland from Cape Bauld to Cape Freels	2,3K
2.	Eastern Newfoundland	Cape Freels to Cape St. Mary's	3LNO
3.	South Coast Newfoundland	Cape St. Mary's to Boar Island	3Ps
4.	West Coast Newfoundland	Boar Island to Cape Bauld	3Pn,4R
5.	Québec North Shore	West from the Newfoundland-Québec border	4S
6.	Gaspé Québec	Gaspé Peninsula and Magdalen Islands	4T
7.	Gulf New Brunswick	Québec-New Brunswick border to New Brunswick-Nova Scotia border	4T
8.	Prince Edward Island	Prince Edward Island	4T
9.	Gulf Nova Scotia	New Brunswick-Nova Scotia border to Cape North	4T
10.	Northeastern Nova Scotia	Cape North to the boundary of NAFO areas 4Vn and 4W	4Vn
11.	Eastern Shore Nova Scotia	Boundary of NAFO areas 4Vn and 4W to Sambro Island	4VsW
12.	Western Nova Scotia	Sambro Island to the Nova Scotia-New Brunswick border on Cumberland Basin	4X,5
13.	Fundy New Brunswick	Bay of Fundy coast of New Brunswick	4X,5

For the uninitiated, the term "adjacent NAFO area" refers to the breakdown of the waters off Canada's east coast used by the Northwest Atlantic Fisheries Organization. Most fisheries statistics relating to the resource itself are gathered on the basis of the NAFO areas that appear on the map. Our areas are land-based, rather than water-based, but the boundaries of both touch where land meets water.

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 1:1

Participation in Commercial Fishery by Licence Type

By Task Force Area

		N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPE QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Licensed Fishermen	Full Time	4,400	3,406	2,763	2,888	3,322	2,133	3,584	2,150	1,786	596	947	5,080	700	33,755
	Part Time	5,563	4,104	1,882	2,612	948	1,804	1,741	1,252	613	817	1,112	2,302	647	25,396
	Total	9,963	7,510	4,645	5,322	4,327	3,990	4,745	3,259	1,989	1,413	2,059	7,382	1,347	59,150
Active Fishermen	Full Time	4,073	3,053	2,564	2,593	2,435	1,666	3,278	2,141	1,561	575	811	4,781	659	30,189
	Part Time	2,026	2,200	980	1,472	664	835	1,344	940	556	527	826	1,740	498	14,607
	Total	6,099	5,253	3,544	4,066	3,098	2,501	4,622	3,081	2,117	1,102	1,637	6,521	1,157	44,796
% Active Fishermen	Full Time	93%	90%	93%	90%	73%	78%	91%	99%	87%	96%	86%	94%	94%	89%
	Part Time	36%	54%	52%	56%	70%	46%	77%	75%	91%	65%	74%	76%	77%	57%
	Total	61%	70%	76%	71%	73%	64%	87%	91%	88%	78%	80%	88%	86%	75%

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 1:1 A

Age Range of Fishermen

All Respondents by Task Force Area

AGE (Yrs.)	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
14-24	1,857 19%	756 10%	702 15%	1,353 25%	702 16%	425 11%	568 11%	530 16%	502 21%	352 25%	139 7%	1,090 15%	201 15%	9,179 16%
25-34	2,424 25%	1,436 19%	1,038 22%	1,326 24%	1,268 30%	1,187 30%	1,880 35%	995 29%	708 30%	294 21%	462 22%	2,061 28%	235 17%	15,314 26%
35-44	2,578 26%	1,774 24%	1,177 25%	1,912 35%	1,234 29%	858 22%	1,270 24%	865 25%	539 23%	315 23%	583 28%	1,662 23%	294 22%	15,060 26%
45-54	1,437 15%	1,748 23%	756 16%	377 7%	585 14%	959 25%	765 14%	525 15%	151 6%	268 19%	463 23%	1,167 16%	314 23%	9,515 16%
55-64	870 9%	1,222 16%	676 15%	310 6%	183 4%	283 7%	654 12%	360 11%	150 6%	117 8%	288 14%	914 12%	261 19%	6,287 11%
65 +	732 7%	533 7%	297 6%	223 4%	297 7%	206 5%	189 4%	126 4%	349 15%	46 3%	124 6%	488 7%	41 3%	3,650 6%
TOTAL	9,897	7,469	4,645	5,500	4,270	3,918	5,325	3,402	2,399	1,392	2,059	7,382	1,347	59,004

TABLE 1:2

Participation in Commercial Fishery by Licence Type

By Region

		NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Licensed Fishermen	Full Time	10,569	7,323	10,408	5,455	33,755
	Part Time	11,550	4,877	6,217	2,752	25,396
	Total	22,118	12,201	16,626	8,207	59,150
Active Fishermen	Full Time	9,690	6,826	9,575	4,101	30,189
	Part Time	5,205	3,591	4,312	1,499	14,607
	Total	14,895	10,417	13,885	5,600	44,796
% Active Fishermen	Full Time	92%	93%	92%	75%	89%
	Part Time	45%	74%	69%	54%	57%
	Total	67%	85%	84%	68%	76%

TABLE 1:2 A

Age Range of Fishermen

All Respondents by Region

AGE (YRS.)	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
14-24	3,318 15%	1,830 15%	2,993 18%	1,149 14%	9,290 16%
25-34	4,866 22%	3,050 25%	4,822 29%	2,462 30%	15,200 26%
35-44	5,529 25%	2,806 23%	4,655 28%	2,052 25%	15,042 25%
45-54	3,981 18%	2,196 18%	1,829 11%	1,559 19%	9,565 16%
55-64	2,875 13%	1,586 13%	1,496 9%	493 6%	6,450 11%
65+	1,548 7%	732 6%	831 5%	492 6%	3,603 6%
Total	22,117	12,200	16,626	8,207	59,150

TABLE 1.3

Participation in Commercial Fishery by Licence Type

by Province

		NOVA SCOTIA	NEW BRUNSWICK	PEI	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Licensed Fishermen	Full Time	8,409	4,284	2,150	5,455	13,457	33,755
	Part Time	4,843	2,388	1,252	2,752	14,160	25,396
	Total	13,252	6,672	3,402	8,207	27,617	59,150
Active Fishermen	Full Time	7,729	3,957	2,141	4,101	12,284	30,189
	Part Time	3,648	1,842	940	1,499	6,676	14,607
	Total	11,376	5,779	3,081	5,600	18,960	44,796
% Active Fishermen	Full Time	92%	91%	99%	75%	91%	89%
	Part Time	75%	77%	75%	54%	47%	57%
	Total	86%	87%	91%	68%	69%	76%

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 1:3 A

Age Range of Fishermen

All Respondents by Province

AGE (YRS.)	NOVA SCOTIA	NEW BRUNSWICK	PEI	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
14-24	2,083 16%	769 12%	530 16%	1,128 14%	4,669 17%	9,179 16%
25-34	3,525 27%	2,115 32%	995 29%	2,455 30%	6,224 23%	15,314 26%
35-44	3,099 23%	1,564 23%	865 25%	2,093 26%	7,440 27%	15,060 26%
45-54	2,049 16%	1,079 16%	525 15%	1,544 19%	4,318 16%	9,515 16%
55-64	1,469 11%	915 14%	360 11%	465 6%	3,077 11%	6,287 11%
65+	1,007 8%	230 3%	126 4%	502 6%	1,784 7%	3,650 6%
Total	13,231	6,672	3,402	8,187	27,511	59,004

TABLE 2:1

Household Information

All Respondents by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Average Family Size	4.0	4.1	4.1	4.4	3.5	3.3	3.7	3.5	4.0	4.0	3.4	3.5	3.3	3.8
Average Number of Active Fishermen in Household Excluding Respondent	0.4	0.2	0.2	0.4	0.1	0.2	0.2	0.3	0.3	0.3	0.1	0.1	0.2	0.2
Average Number of Plant Workers in Household Excluding Respondent	0.4	0.4	0.1	0.4	0.2	0.1	0.5	0.2	0.1	0.1	0.1	0.2	0.2	0.3

TABLE 2:2

Household Information

Full-Time Fishermen by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Average Family Size	3.8	4.3	4.1	4.3	3.3	3.3	3.7	3.3	4.2	3.7	3.3	3.6	3.5	3.7
Average Number of Active Fishermen in Household Excluding Respondent	0.2	0.2	0.2	0.3	0.1	0.2	0.2	0.3	0.3	0.2	0.1	0.1	0.2	0.2
Average Number of Plant Workers in Household Excluding Respondent	0.4	0.4	0.2	0.4	0.2	0.2	0.5	0.2	0.1	0.2	0.1	0.2	0.3	0.3

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 2:3

Household Information

Part-Time Fishermen by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Average Family Size	4.5	3.9	4.1	4.7	4.3	3.5	3.8	4.1	3.7	4.4	3.5	3.2	3.1	3.9
Average Number of Active Fishermen in Household Excluding Respondent	0.6	0.3	0.2	0.7	0.1	0.1	0.2	0.4	0.2	0.3	0.2	0.1	0.3	0.3
Average Number of Plant Workers in Household Excluding Respondent	0.3	0.4	0.0	0.3	0.2	0.0	0.3	0.1	0.1	0.0	0.1	0.3	0.1	0.2

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 2:4

Household Information by Province

All Respondents by Region

	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Average Family Size	4.0	3.5	3.9	3.4	3.8
Average Number of Active Fishermen in Household Excluding Respondent	0.2	0.2	0.3	0.1	0.2
Average Number of Plant Workers in Household Excluding Respondent	0.3	0.2	0.3	0.2	0.3

TABLE 2:5

Household Information

Full-Time Fishermen by Region

	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Average Family Size	4.0	3.6	3.8	3.3	3.7
Average Number of Active Fishermen in Household Excluding Respondent	0.2	0.1	0.3	0.1	0.2
Average Number of Plant Workers in Household Excluding Respondent	0.3	0.2	0.4	0.2	0.3

TABLE 2:6

Household Information

Part-Time Fishermen by Region

	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Average Family Size	4.2	3.4	4.1	3.9	3.9
Average Number of Active Fishermen in Household Excluding Respondent	0.4	0.2	0.4	0.1	0.3
Average Number of Plant Workers in Household Excluding Respondent	0.3	0.2	0.2	0.1	0.2

TABLE 2:7

Household Information

All Respondents by Province

	NOVA SCOTIA	NEW BRUNSWICK	PEI	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Average Family Size	3.6	3.6	3.5	3.4	4.1	3.8
Average Number of Active Fishermen in Household Excluding Respondent	0.2	0.2	0.3	0.1	0.3	0.2
Average Number of Plant Workers in Household Excluding Respondent	0.2	0.4	0.2	0.2	0.3	0.3

TABLE 2:0

Household Information

Full-Time Fishermen by Province

	NOVA SCOTIA	NEW BRUNSWICK	PEI	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Average Family Size	3.7	3.7	3.3	3.3	4.1	3.7
Average Number of Fishermen in Household Excluding Respondent	0.2	0.2	0.3	0.1	0.2	0.2
Average Number of Plant Workers in Household Excluding Respondent	0.2	0.5	0.2	0.2	0.3	0.3

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 2:9

Household Interaction

Part-Time Fishermen by Province

	NOVA SCOTIA	NEW BRUNSWICK	PEI	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Average Family Size	3.5	3.7	4.1	3.9	4.3	3.9
Average Number of Fishermen in Household Excluding Respondent	0.2	0.2	0.4	0.1	0.4	0.3
Number of Plant Workers in Household Excluding Respondent	0.2	0.2	0.1	0.1	0.3	0.2

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 3:1

Vessel Information (Average)

All Respondents, by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Number of Vessels* Worked on that were														
- Household owned	6,124	3,838	2,119	3,261	1,618	1,540	2,413	2,571	1,179	705	1,060	4,057	1,064	31,549
- Other owned	1,241	2,650	3,175	2,012	1,667	1,115	2,980	1,031	1,330	631	945	5,789	591	25,157
Number of Active Fishermen who were Skipper of a Vessel*	4,177	2,933	1,836	2,148	1,364	1,358	2,004	2,227	1,027	627	935	3,246	804	24,686
Number of Active Fishermen who were Crew of a Vessel*	3,191	3,466	2,788	2,819	1,920	1,298	3,192	1,299	1,482	686	1,070	5,886	800	29,857

* Based on the three most frequently used vessels per respondent.

TABLE 3:2

Vessel Information (Average)

All Respondents, by Region

	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Number of Vessels* Worked on that were					
- Household owned	11,984	6,837	9,339	3,158	31,318
- Other owned	6,365	7,604	7,053	2,782	23,804
Number of Active Fishermen who were Skipper of a Vessel *	8,945	5,766	7,496	2,722	24,932
Number of Active Fishermen who were Crew of a Vessel *	9,404	8,674	8,897	3,217	30,152

* Based on the three most frequently used vessels per respondent.

TABLE 3:3

Vessel Information (Average)

All Respondents, by Province

	NOVA SCOTIA	NEW BRUNSWICK	P.E.I.	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Number of Vessels* Worked on that were						
- Household owned	6,768	3,379	2,553	3,158	15,168	31,024
- Other owned	8,190	3,422	973	2,782	8,149	23,516
Number of Active Fishermen who were Skipper of a Vessel *	5,834	2,809	2,227	2,722	11,093	24,685
Number of Active Fishermen who were Crew of a Vessel *	9,123	3,992	1,299	3,217	12,223	29,854

* Based on the three most frequently used vessels per respondent.

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 4:1

Annual Activity in Weeks (Average)*

All Respondents by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Fishing	16.0	13.0	24.0	16.0	14.0	14.0	14.0	17.0	18.0	13.0	19.0	26.0	19.0	17.0
Preparation	7.0	5.0	5.0	6.0	4.0	6.0	6.0	5.0	5.0	7.0	8.0	6.0	7.0	6.0
Fishing Related	0.6	0.5	0.2	1.0	1.0	0.5	1.0	0.7	0.5	6.0	2.0	1.0	2.0	1.0
Fish Processing	0.5	0.9	1.0	1.0	0.3	0.7	0.2	0.0	0.8	2.0	0.7	1.0	0.4	1.0
Other Occupations	3.0	3.0	3.0	3.0	4.0	6.0	5.0	4.0	5.0	5.0	8.0	5.0	7.0	4.0
Collecting UI	23.0	18.0	12.0	16.0	27.0	17.0	22.0	21.0	15.0	8.0	13.0	8.0	6.0	17.0
Other Activities	2.0	11.0	8.0	9.0	2.0	8.0	4.0	3.0	7.0	11.0	2.0	5.0	8.0	6.0

* Total weeks may not add to 52 due to rounding.

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 4:2

Annual Activity in Weeks (Average)*

Full-Time Fishermen by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Fishing	15.0	16.0	27.0	18.0	14.0	15.0	15.0	20.0	21.0	16.0	22.0	29.0	24.0	20.0
Preparation	8.0	7.0	5.0	7.0	5.0	8.0	7.0	7.0	6.0	9.0	10.0	7.0	8.0	7.0
Fishing Related	0.5	0.6	0.3	1.0	1.0	0.7	1.0	1.0	0.7	8.0	1.0	1.0	2.0	1.0
Fish Processing	0.1	1.0	0.2	0.3	0.2	1.0	0.3	0.0	1.0	1.0	0.4	0.4	0.1	0.4
Other Occupations	2.0	0.7	0.5	1.0	2.0	3.0	2.0	2.0	5.0	1.0	2.0	3.0	3.0	2.0
Collecting UI	24.0	20.0	12.0	16.0	27.0	18.0	23.0	21.0	14.0	10.0	15.0	8.0	7.0	17.0
Other Activities	2.0	8.0	8.0	8.0	2.0	7.0	3.0	1.0	5.0	7.0	2.0	3.0	8.0	5.0

* Total weeks may not add to 52 due to rounding.

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 4:3

Annual Activity in Weeks (Average)*

Part-Time Fishermen by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Fishing	15.0	10.0	14.0	12.0	13.0	12.0	10.0	11.0	11.0	11.0	15.0	18.0	14.0	13.0
Preparation	5.0	4.0	5.0	4.0	3.0	3.0	3.0	2.0	2.0	4.0	6.0	3.0	6.0	4.0
Fishing Related	0.6	0.5	0.1	1.0	0.2	0.2	1.0	0.5	0.0	4.0	2.0	1.0	3.0	1.0
Fish Processing	2.0	1.0	3.0	3.0	1.0	0.3	0.0	0.0	0.7	2.0	2.0	3.0	1.0	1.0
Other Occupations	7.0	5.0	8.0	6.0	9.0	11.0	12.0	8.0	6.0	9.0	14.0	10.0	13.0	8.0
Collecting UI	21.0	17.0	14.0	17.0	24.0	13.0	20.0	24.0	18.0	7.0	10.0	7.0	6.0	15.0
Other Activities	2.0	15.0	8.0	10.0	2.0	11.0	5.0	7.0	15.0	15.0	3.0	9.0	8.0	9.0

* Total weeks may not add to 52 due to rounding.

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 4:4

Annual Activity in Weeks (Average) *

All Respondents by Region

	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Fishing	17.0	22.0	16.0	14.0	17.0
Preparation	6.0	7.0	6.0	5.0	6.0
Fishing Related	0.5	2.0	1.0	0.8	1.0
Fish Processing	0.8	1.0	0.5	0.5	1.0
Other Occupations	3.0	6.0	4.0	5.0	4.0
Collecting UI	19.0	9.0	19.0	22.0	17.0
Other Activities	7.0	6.0	5.0	5.0	6.0

* Total weeks may not add to 52 due to rounding.

1986 SURVEY OF ATLANTIC FISHERMEN

TABLE 4:5

Annual Activity in Weeks (Average) *

Full-Time Fishermen by Region

	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Fishing	19.0	26.0	18.0	14.0	20.0
Preparation	7.0	8.0	7.0	6.0	7.0
Fishing Related	0.5	2.0	1.0	1.0	1.0
Fish Processing	0.4	0.4	0.3	0.5	0.4
Other Occupations	1.0	3.0	2.0	3.0	2.0
Collecting UI	19.0	9.0	19.0	24.0	17.0
Other Activities	5.0	4.0	4.0	4.0	5.0

* Total weeks may not add to 52 due to rounding.

TABLE 4:6

Annual Activity in Weeks (Average) *

Part-time Fishermen by Region

	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Fishing	12.0	16.0	11.0	12.0	13.0
Preparation	4.0	4.0	3.0	3.0	4.0
Fishing Related	0.4	2.0	0.7	0.2	1.0
Fish Processing	2.0	2.0	1.0	0.5	1.0
Other Occupations	6.0	12.0	8.0	10.0	8.0
Collecting UI	18.0	8.0	20.0	18.0	15.0
Other Activities	10.0	9.0	8.0	8.0	9.0

* Total weeks may not add to 52 due to rounding.

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 4:7

Annual Activity in Weeks (Average)*

All Respondents by Province

	NOVA SCOTIA	NEW BRUNSWICK	PEI	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Fishing	22.0	15.0	18.0	14.0	17.0	17.0
Preparation	6.0	6.0	5.0	5.0	6.0	6.0
Fishing Related	2.0	1.0	0.7	0.8	0.6	1.0
Fish Processing	1.0	0.2	0.0	0.5	0.8	1.0
Other Occupations	5.0	5.0	4.0	4.0	3.0	4.0
Collecting UI	10.0	19.0	21.0	22.0	18.0	17.0
Other Activities	6.0	5.0	3.0	5.0	7.0	6.0

* Total weeks may not add to 52 due to rounding.

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 4:8

Annual Activity in Weeks (Average)*

Full-Time Fishermen by Province

	NOVA SCOTIA	NEW BRUNSWICK	PEI	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Fishing	25.0	17.0	20.0	14.0	19.0	20.0
Preperation	8.0	7.0	7.0	6.0	7.0	7.0
Fishing Related	2.0	1.0	0.9	1.0	0.7	1.0
Fish Processing	0.5	0.2	0.0	0.5	0.4	0.4
Other Occupations	3.0	2.0	2.0	2.0	1.0	2.0
Collecting UI	10.0	21.0	21.0	24.0	19.0	17.0
Other Activities	4.0	4.0	1.0	4.0	6.0	5.0

* Total weeks may not add to 52 due to rounding.

TABLE 4:9

Annual Activity in Weeks (Average)*

Part-Time Fishermen by Province

	NOVA SCOTIA	NEW BRUNSWICK	PEI	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Fishing	15.0	11.0	11.0	13.0	12.0	13.0
Preparation	4.0	4.0	2.0	3.0	4.0	4.0
Fishing Related	2.0	2.0	0.4	0.2	0.5	1.0
Fish Processing	2.0	0.0	0.0	0.5	2.0	1.0
Other Occupations	10.0	12.0	8.0	10.0	6.0	8.0
Collecting UI	10.0	16.0	25.0	18.0	18.0	15.0
Other Activities	10.0	6.0	6.0	7.0	9.0	9.0

* Total weeks may not add to 52 due to rounding.

1986 SURVEY OF ATLANTIC FISHERMEN

TABLE 5:1

Factors Affecting Fishing Beheviour

All Respondents by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Weather	4,317	3,338	2,274	3,275	1,859	1,528	3,122	2,590	1,367	951	1,013	5,130	866	31,629
Availability of Fish	3,827	4,062	1,638	1,727	999	1,572	2,001	1,421	655	816	710	2,931	682	23,039
Area Closure	361	365	1,176	238	281	215	1,489	251	344	98	240	1,565	303	6,926
Plant Closure	108	503	1,077	202	455	273	177	99	0	108	127	292	30	3,452
Plant Not Buying	758	868	619	1,085	327	278	582	310	278	319	160	349	98	6,030
Other Employment	353	219	122	212	313	355	12	92	131	64	134	635	71	2,712
Unemployment Insurance Rules	230	227	94	86	29	140	34	0	19	21	0	141	0	1,022
Gear/Boat Repairs	1,176	1,559	767	1,531	711	441	1,253	375	571	433	426	1,801	415	11,460
Quotas	154	1,169	579	298	566	282	1,569	243	605	24	114	564	113	6,281
Poor Prices	96	1,056	473	604	699	846	753	896	271	352	159	836	299	7,340

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 5:2

Factors Affecting Fishing Behaviour

All Respondents by Region

	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Weather	9,929	7,960	10,356	3,386	31,629
Availability of Fish	9,526	5,139	5,803	2,572	23,039
Area Closure	1,902	2,205	2,323	496	6,926
Plant Closure	1,688	557	478	728	3,452
Plant Not Buying	2,245	926	2,255	604	6,030
Other Employment	694	904	446	668	2,712
Unemployment Insurance Rules	551	163	139	169	1,022
Gear/Boat Repairs	3502	3,076	3,731	1,152	11,460
Quotas	1,902	815	2,716	848	6,281
Poor Prices	1,625	1,647	2,523	1,545	7,340

TABLE 5:3

Factors Affecting Fishing Behaviour

All Respondents by Province

	NOVA SCOTIA	NEW BRUNSWICK	PEI	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Weather	8,461	3,980	2,590	3,386	13,203	31,629
Availability of Fish	5,112	2,683	1,421	2,572	11,253	23,039
Area Closure	2,247	1,792	251	496	2,140	6,926
Plant Closure	527	207	99	728	1,890	3,452
Plant Not Buying	1,107	680	310	604	3,330	6,030
Other Employment	963	83	92	668	906	2,712
Unemployment Insurance Rules	182	34	0	169	637	1,022
Gear/Boat Repairs	3,231	1,668	375	1,152	5,033	11,460
Quotas	1,308	1,682	243	848	2,200	6,281
Poor Prices	1,618	1,052	896	1,545	2,229	7,340

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 6:1A

Fishing Expenses ($'s) (Average)

All Respondents by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Operating Costs														
Fuel, Oil, Grease	716	492	641	805	707	1,684	948	1,455	969	1,210	860	1,314	1,378	953
Bait, Ice, Salt	67	127	382	168	159	559	326	659	473	773	354	896	501	388
Provisions	151	345	336	398	279	352	359	119	110	173	131	341	228	278
Crew Shares	286	683	1,537	1,540	406	2,578	1,748	2,226	2,184	1,716	832	4,063	3,872	1,753
Other Operating Costs	37	16	15	120	79	212	56	98	1	242	76	116	72	77
Other Fishing Costs	89	97	91	202	372	189	556	452	100	253	146	368	154	248
Vessel/Gear Repairs	449	398	396	709	452	1,422	946	1,170	837	1,296	580	1,260	1,539	808
Vessel/Gear Losses	183	42	73	421	283	171	166	242	237	608	369	343	343	235

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 6:18

Fishing Expenses ($'s) (Average)

All Respondents by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Fixed Costs														
Insurance	61	122	54	79	94	195	302	163	91	217	181	251	295	154
Union and Association Dues, Accounting Fees, Rentals, Non-Fishing Licence Fees	51	116	104	106	32	107	108	62	49	37	40	163	157	93
Debt Repayment														
Payments on Gear/Vessel	337	201	367	419	733	679	521	559	719	755	710	967	1,274	570
Interest Payments	67	70	54	24	204	157	372	170	175	191	170	331	114	167
Total Cash Costs	2,479	2,709	4,051	4,991	3,801	8,304	6,409	7,375	5,943	7,468	4,450	10,412	9,926	5,724

TABLE 6:2A

Fishing Expenses ($'s) (Average)

Full-Time Fishermen by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Operating Costs														
Fuel, Oil, Grease	979	735	780	1,173	801	1,997	1,229	2,029	1,265	2,039	1,434	1,721	2,308	1,293
Bait, Ice, Salt	84	208	502	244	178	618	448	930	636	1,329	562	1,202	864	542
Provisions	204	476	411	518	295	574	461	165	144	277	187	446	352	357
Crew Shares	428	1,116	2,055	2,377	517	3,871	2,450	3,204	2,887	3,037	1,633	5,447	6,404	2,551
Other Operating Costs	49	23	21	181	91	319	79	102	1	415	112	158	112	105
Other Fishing Costs	122	153	110	307	473	261	772	600	135	415	270	445	253	345
Vessel/Gear Repairs	610	620	450	1,075	565	2,075	1,252	1,664	1,086	1,558	881	1,659	2,594	1,198
Vessel/Gear Losses	246	39	89	651	355	214	233	345	312	1,073	542	453	557	326

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 6:2B

Fishing Expenses ($'s) (Average)

Full-Time Fishermen by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Fixed Costs														
Insurance	87	206	74	124	120	290	409	230	121	342	340	336	453	221
Union and Association Dues, Accounting Fees, Rentals, Non-Fishing Licence Fees	60	156	123	148	40	155	147	88	66	59	51	218	248	124
Debt Repayment														
Payments on Gear/Vessel	476	339	484	649	927	845	713	805	908	1,200	1,432	1,307	2,035	811
Interest Payments	98	121	73	37	260	236	525	244	237	307	344	448	190	246
Total Cash Costs	3,421	4,194	5,190	7,484	4,623	11,256	8,718	10,406	7,799	12,051	7,787	13,839	16,370	8,039

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 6:3A

Fishing Expenses ($'s) (Average)

Part-Time Fishermen by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Operating Costs														
Fuel, Oil, Grease	187	155	226	156	364	1,059	262	148	135	305	297	198	147	252
Bait, Ice, Salt	34	15	69	34	88	441	31	40	17	167	150	53	22	72
Provisions	45	163	138	187	221	107	113	16	13	59	75	51	64	113
Crew Shares	0	82	184	66	0	0	35	0	208	275	45	260	523	104
Other Operating Costs	13	7	2	14	36	0	0	88	0	55	41	3	18	17
Other Fishing Costs	25	21	41	18	0	43	29	117	0	76	24	154	23	47
Vessel/Gear Repairs	125	90	256	64	37	120	200	44	136	1,010	284	165	143	166
Vessel/Gear Losses	56	46	32	16	18	84	0	7	24	101	200	40	61	47

TABLE 6:38

Fishing Expenses ($'s) (Average)

Part-Time Fishermen by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Fixed Costs														
Insurance	8	4	0	0	0	6	42	10	7	80	26	19	87	16
Union and Association Dues, Accounting Fees, Rentals, Non-Fishing Licence Fees	32	57	57	31	3	11	13	5	0	13	30	11	36	27
Debt Repayment														
Payments on Gear/Vessel	59	8	61	14	25	348	54	0	187	269	0	32	266	71
Interest Payments	4	0	4	0	0	0	0	0	0	64	0	8	12	5
Total Cash Costs	588	647	1,070	600	791	2,419	778	474	727	2,471	1,171	998	1,400	937

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 6:4A

Fishing Expenses ($'s) (Average)

All Respondents by Region

	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Operting Costs					
Fuel, Oil, Grease	619	1,239	1,022	1,143	953
Bait, Ice, Salt	163	754	376	357	388
Provisions	263	277	279	312	278
Crew Shares	724	3,286	1,860	1,376	1,753
Other Operating Costs	25	118	76	139	77
Other Fishing Costs	93	297	360	290	248
Vessel/Gear Repairs	419	1,188	910	885	808
Vessel/Gear Losses	107	375	268	233	235

TABLE 6:40

Fishing Expenses ($'s) (Average)

All Respondents by Region

	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Fixed Costs					
Insurance	81	242	174	139	134
Union and Association Dues, Accounting Fees, Rentals, Non-Fishing Licence Fees	86	129	88	65	93
Debt Repayment					
Payments on Gear/Vessel	296	938	530	709	570
Interest Payments	65	267	195	183	167
Total Cash Costs	2,934	9,110	6,137	5,812	5,724

TABLE 6:5A

Fishing Expenses ($'s) (Average)

Full-Time Fishermen by Region

	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Operating Costs					
Fuel, Oil, Grease	855	1,770	1,399	1,287	1,293
Bait, Ice, Salt	234	1,106	531	357	542
Provisions	345	392	358	327	357
Crew Shares	1,075	4,883	2,670	1,879	2,551
Other Operating Costs	34	169	99	161	105
Other Fishing Costs	128	403	504	387	345
Vessel/Gear Repairs	571	1,648	1,269	1,178	1,118
Vessel/Gear Leases	139	526	384	298	326

TABLE 6:9B

Fishing Expenses ($'s) (Average)

Full-Time Fishermen by Region

	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Fixed Costs					
Insurance	121	348	245	189	221
Union and Association Dues, Accounting Fees, Rentals, Non-Fishing Licence Fees	107	187	121	87	124
Debt Repayment					
Payments on Gear/Vessel	435	1,383	748	894	811
Interest Payments	98	399	283	250	246
Total Cash Costs	4,133	13,214	8,611	7,317	8,039

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 6:6A

Fishing Expenses ($'s) (Average)

Part-Time Fishermen by Region

	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Operating Costs					
Fuel, Oil, Grease	181	229	185	751	252
Bait, Ice, Salt	33	87	32	285	72
Provisions	112	59	104	269	113
Crew Shares	69	249	60	0	104
Other Operating Costs	8	21	24	16	17
Other Fishing Costs	26	95	41	24	47
Vessel/Gear Repairs	135	313	111	83	166
Vessel/Gear Losses	47	89	10	54	47

TABLE 6:6B

Fishing Expenses ($'s) (Average)

Part-Time Fishermen by Region

	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Fixed Costs					
Insurance	5	39	16	3	16
Union and Association Dues, Accounting Fees, Rentals, Non-Fishing Licence Fees	47	19	16	7	27
Debt Repayment					
Payments on Gear/Vessel	38	92	46	205	71
Interest Payments	2	15	0	0	5
Total Cash Costs	704	1,308	645	1,698	937

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 6:7A

Fishing Expenses ($'s) (Average)

All Respondents by Province

	NOVA SCOTIA	NEW BRUNSWICK	PEI	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Operating Costs						
Fuel, Oil, Grease	1,175	1,034	1,455	1,143	659	953
Bait, Ice, Salt	727	361	659	337	164	388
Provisions	251	333	119	312	292	278
Crew Shares	3,021	2,173	2,226	1,376	899	1,753
Other Operating Costs	101	59	98	139	45	77
Other Fishing Costs	275	475	452	290	116	248
Vessel/Gear Repairs	1,087	1,065	1,170	885	481	808
Vessels/Gear Leases	352	201	242	233	174	235

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 6:70

Fishing Expenses ($'s) (Average)

All Respondents by Province

	NOVA SCOTIA	NEW BRUNSWICK	PEI	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Fixed Costs						
Insurance	208	301	163	140	80	154
Union and Association Dues, Accounting Fees, Rentals, Non-Fishing Licence Fees	112	118	62	65	90	93
Debt Repayment						
Payments on Gear/Vessel	863	672	559	709	322	570
Interest Payments	265	320	170	183	56	167
Total Cash Costs	8,437	7,113	7,375	5,812	3,375	5,724

'984 SURVEY OF ATLANTIC FISHERMEN

TABLE 6:8A

Fishing Expenses ($'s) (Average)

Full-Time Fishermen by Province

	NOVA SCOTIA	NEW BRUNSWICK	PEI	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Operating Costs						
Fuel, Oil, Grease	1,622	1,410	2,029	1,287	922	1,293
Bait, Ice, Salt	1,030	517	930	357	236	542
Provisions	345	443	165	327	381	357
Crew Shares	4,350	3,112	3,204	1,879	1,350	2,551
Other Operating Costs	140	85	102	103	65	105
Other Fishing Costs	362	685	600	387	166	345
Vessel/Gear Repairs	1,454	1,477	1,664	1,178	677	1,118
Vessels/Gear Losses	480	287	345	298	247	326

TABLE 6:8B

Fishing Expenses ($'s) (Average)

Full-Time Fishermen by Province

	NOVA SCOTIA	NEW BRUNSWICK	PEI	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Fixed Costs						
Insurance	293	416	270	189	122	221
Union and Association Dues, Accounting Fees, Rentals, Non-Fishing Licence Fees	158	164	80	87	116	124
Debt Repayment						
Payments on Gear/Vessel	1,232	934	805	894	480	811
Interest Payments	384	469	244	250	86	246
Total Cash Costs	11,851	9,999	10,406	7,317	4,840	8,039

TABLE 6:9A

Fishing Expenses ($'s) (Average)

Part-Time Fishermen by Province

	NOVA SCOTIA	NEW BRUNSWICK	PEI	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Operating Costs						
Fuel, Oil, Grease	226	231	148	751	175	252
Bait, Ice, Salt	86	28	40	285	33	72
Provisions	52	99	16	269	129	113
Crew Shares	206	167	0	0	69	104
Other Operating Costs	18	5	88	16	9	17
Other Fishing Costs	90	27	117	24	24	47
Vessel/Gear Repairs	310	184	44	81	119	166
Vessels/Gear Losses	83	17	7	54	40	47

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 6:9B

Fishing Expenses ($'s) (Average)

Part-Time Fishermen by Province

	NOVA SCOTIA	NEW BRUNSWICK	PEI	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Fixed Costs						
Insurance	28	54	10	3	4	16
Union and Association Dues, Accounting Fees, Rentals, Non-Fishing Licence Fees	14	19	5	7	44	27
Debt Repayment						
Payments on Gear/Vessel	83	111	0	205	33	71
Interest Payments	13	3	0	0	2	5
Total Cash Costs	1,207	946	474	2,172	681	937

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 7:1

Fishing Income ($'s) (Average)

All Respondents by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Fish Sales (Gross)	4,477	5,258	8,904	8,025	5,359	12,137	9,012	14,598	12,919	11,073	7,255	18,482	15,897	9,890
Crew Shares/Wages	1,055	2,079	5,178	2,307	2,894	2,909	7,351	1,000	2,082	3,506	4,882	8,358	2,246	3,834
Sealing	5	4	0	76	1	0	0	0	0	0	0	0	1	8
Rebates	4	1	3	5	10	7	24	38	4	5	24	8	0	10
Other Fishing Income	61	7	0	0	4	0	13	133	9	0	3	48	0	27
Gross Fishing Income	5,601	7,349	14,085	10,414	8,267	15,053	16,400	15,768	15,015	14,584	12,164	26,896	18,143	13,770

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 7:2

Fishing Income ($'s) (Average)

Full-time Fishermen by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Fish Sales (Gross)	5,974	7,462	11,391	11,644	6,358	18,074	12,286	20,300	16,781	18,520	12,389	24,118	24,422	13,718
Crew Shares/Wages	1,067	2,711	6,324	2,649	2,710	1,943	9,441	701	2,056	4,356	6,236	9,447	2,646	4,494
Sealing	4	7	0	119	0	0	0	0	0	0	0	0	0	12
Rebates	6	2	3	8	13	11	34	50	6	10	48	8	0	14
Other Fishing Income	91	12	0	0	0	0	19	97	12	0	6	64	0	33
Gross Fishing Income	7,143	10,193	17,718	14,420	9,081	20,028	21,781	21,149	18,856	22,886	18,679	33,637	27,069	18,271

TABLE 7:3

Fishing Income ($'s) (Average)

Part-Time Fishermen by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPE QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Fish Sales (Gross)	1,465	2,199	2,396	1,651	1,692	299	1,025	1,613	2,067	2,952	2,210	2,995	4,620	1,978
Crew Shares/Wages	1,029	1,201	2,177	1,707	3,570	4,835	2,252	1,680	2,154	2,580	3,552	5,364	1,715	2,469
Sealing	7	0	0	0	3	0	0	0	0	0	0	0	1	1
Rebates	0	0	3	0	0	0	1	9	0	0	1	7	0	2
Other Fishing Income	0	0	0	0	19	0	0	213	0	0	0	6	0	15
Gross Fishing Income	2,501	3,401	4,576	3,359	5,284	5,134	3,278	3,516	4,221	5,532	5,762	8,372	6,337	4,465

TABLE 7:A

Fishing Income ($'s) (Average)

All Respondents by Region

	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Fish Sales (Gross)	5,805	15,647	10,558	8,386	9,890
Crew Shares/Wages	2,397	6,619	3,662	2,901	3,834
Sealing	4	0	22	0	8
Rebates	3	9	19	9	10
Other Fishing Income	27	31	35	2	27
Gross Fishing Income	8,236	22,307	14,296	11,298	13,770

TABLE 7:5

Fishing Income ($'s) (Average)

Full-time Fishermen by Region

	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Fish Sales (Gross)	7,876	22,282	14,630	11,117	13,710
Crew Shares/Wages	2,976	7,980	4,442	2,398	4,494
Sealing	4	0	32	0	12
Rebates	4	12	26	12	14
Other Fishing Income	42	45	30	0	33
Gross Fishing Income	10,902	30,320	19,168	13,528	18,271

TABLE 7:6

Fishing Income ($'s) (Average)

Part-time Fishermen by Region

	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Fish Sales (Gross)	1,950	5,834	1,501	916	1,978
Crew Shares/Wages	1,318	4,032	1,929	4,275	2,469
Sealing	3	0	0	1	1
Rebates	1	3	2	0	2
Other Fishing Income	0	3	46	0	15
Gross Fishing Income	3,272	7,073	3,479	5,201	4,465

TABLE 7:7

Fishing Income ($'s) (Average)

All Respondents by Province

	NOVA SCOTIA	NEW BRUNSWICK	PEI	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Fish Sales (Gross)	15,114	10,390	14,598	8,386	6,281	9,890
Crew Shares/Wages	6,220	6,328	1,000	2,901	2,378	3,834
Sealing	0	0	0	0	19	8
Rebates	9	19	38	9	3	10
Other Fishing Income	30	11	133	2	22	27
Gross Fishing Income	21,373	16,749	15,768	11,298	8,703	13,770

TABLE 7:8

Fishing Income ($'s) (Average)

Full-Time Fishermen by Province

	NOVA SCOTIA	NEW BRUNSWICK	PEI	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Fish Sales (Gross)	20,980	14,318	20,300	11,117	8,671	13,718
Crew Shares/Wages	7,230	8,304	701	2,398	2,907	4,494
Sealing	0	0	0	0	29	12
Rebates	12	28	50	12	5	14
Other Fishing Income	43	16	97	0	33	33
Gross Fishing Income	28,281	22,666	21,149	13,528	11,645	18,271

TABLE 7:9

Fishing Income ($'s) (Average)

Part-Time Fishermen by Province

	NOVA SCOTIA	NEW BRUNSWICK	PEI	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Fish Sales (Gross)	2,670	1,997	1,613	916	1,884	1,978
Crew Shares/Wages	4,063	2,107	1,690	4,275	1,404	2,469
Sealing	0	0	0	1	2	1
Rebates	5	1	9	0	1	2
Other Fishing Income	5	0	213	8	0	15
Gross Fishing Income	6,739	4,105	3,516	5,201	3,291	4,465

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 8:1

Income From Other Sources ($'s) (Average)

All Respondents by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPE QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Fish Processing	131	285	422	310	75	218	204	0	157	712	228	378	97	282
Forestry	483	20	0	0	11	357	6	0	0	0	101	18	516	109
Construction	134	31	197	92	117	34	143	261	676	175	626	309	324	201
Other Paid Employment	647	1,106	426	392	1,458	1,015	1,214	753	1,118	2,358	2,243	1,492	1,593	1,072
Total Non-Fishing Employment	1,395	1,442	1,045	794	1,661	1,624	1,567	1,014	1,951	3,245	3,198	2,197	2,530	1,625
Rental Property/Board	4	0	41	0	0	0	0	8	0	0	0	12	0	6
Investment Income/Interest	42	23	2	26	301	5	194	95	180	23	326	278	52	121
Regular UI	428	1,067	943	507	1,853	512	1,257	1,294	1,040	650	930	288	643	835
Fisherman's UI	3,065	2,917	1,802	2,584	1,915	2,637	3,252	3,262	1,695	2,188	1,939	2,329	750	2,539
Family Allowance	203	111	263	70	161	6	102	152	69	179	320	51	12	128
Social Assistance	20	22	54	28	421	300	106	18	0	0	3	38	259	82
Pensions	150	638	165	146	39	134	212	29	578	571	659	372	220	281
Other	17	91	265	0	19	76	278	86	127	0	19	972	397	233
Total Non-Fishing Income	5,323	6,292	4,581	4,155	6,372	5,296	6,967	5,957	5,640	6,855	7,395	6,536	3,840	5,850

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 8:2

Income From Other Sources ($'s) (Average)

Full-Time Fishermen by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Fish Processing	14	223	22	80	60	296	287	0	196	379	13	170	11	130
Forestry	632	50	0	0	14	186	0	0	0	0	187	18	169	111
Construction	152	14	197	20	149	52	32	0	485	187	4	375	20	147
Other Paid Employment	355	421	0	205	931	401	553	529	1,308	796	542	451	880	491
Total Non-Fishing Employment	1,153	688	219	305	1,154	935	872	529	1,990	1,362	747	1,015	1,081	880
Rental Property/Board	6	0	0	0	0	0	0	12	0	0	0	16	0	4
Investment Income/Interest	9	57	0	17	376	7	273	70	129	10	130	221	91	119
Regular UI	253	278	713	224	1,677	513	586	793	848	105	549	182	396	524
Fisherman's UI	3,859	4,011	2,001	3,274	1,849	2,879	4,181	4,042	1,806	3,689	3,161	2,764	1,078	3,150
Family Allowance	132	52	276	17	155	9	77	117	36	140	418	53	6	102
Social Assistance	20	24	47	44	529	233	0	0	0	0	0	23	346	80
Pensions	163	429	182	228	21	148	155	42	654	825	766	269	386	251
Other	26	26	323	0	25	115	350	76	172	0	38	1,288	338	307
Total Non-Fishing Income	5,602	5,546	3,961	4,109	5,785	4,837	6,495	5,681	5,634	6,130	5,809	5,831	3,722	5,417

TABLE 8:3

Income From Other Sources ($'s) (Average)

Part-Time Fishermen by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Fish Processing	568	372	1,469	715	131	64	0	0	48	1,075	438	950	211	473
Forestry	184	6	0	0	0	699	21	0	0	0	17	18	974	105
Construction	99	55	198	219	0	0	414	855	1,211	163	1,236	128	727	312
Other Paid Employment	1,233	2,056	1,542	721	3,393	2,239	2,826	1,261	584	4,061	3,914	4,351	2,536	2,275
Total Non-Fishing Employment	1,883	2,488	3,209	1,655	3,524	3,002	3,261	2,116	1,843	5,299	5,605	5,442	4,448	3,165
Rental Property/Board	0	0	147	0	0	0	0	0	0	0	0	0	0	10
Investment Income/Interest	107	3	6	41	23	0	0	152	325	38	518	434	0	125
Regular UI	780	2,114	1,545	1,006	2,500	509	2,894	2,432	1,580	1,244	1,304	577	968	1,478
Fisherman's UI	1,508	1,399	759	1,370	2,158	2,152	987	1,486	1,382	552	739	1,132	315	1,276
Family Allowance	347	195	231	164	183	0	163	232	165	221	225	47	19	181
Social Assistance	18	18	73	0	22	435	365	58	0	0	6	78	184	88
Pensions	122	929	121	0	105	107	348	0	363	293	554	653	0	341
Other	0	181	113	0	0	0	100	108	0	0	0	101	475	79
Total Non-Fishing Income	4,765	7,328	6,204	4,237	8,515	6,205	8,118	6,584	5,656	7,647	8,952	8,471	6,369	6,744

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 8:4

Income From Other Sources ($'s) (Average)

All Respondents by Region

	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Fish Processing	255	359	183	139	262
Forestry	205	85	2	166	109
Construction	113	346	236	80	201
Other Paid Employment	756	1,713	856	1,260	1,072
Total Non-Fishing Employment	1,329	2,502	1,277	1,645	1,625
Rental Property/Board	11	7	2	0	6
Investment Income/Interest	26	233	121	168	121
Regular UI	769	466	1,013	1,254	855
Fisherman's UI	2,712	2,077	2,821	2,237	2,539
Family Allowance	185	103	99	92	128
Social Assistance	29	53	47	367	82
Pensions	326	421	208	81	281
Other	102	655	131	45	233
Total Non-Fishing Income	5,488	6,518	5,717	5,889	5,850

TABLE B:5

Income From Other Sources ($'s) (Average)

Full-time Fishermen by Region

	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Fish Processing	82	154	152	156	130
Forestry	275	51	0	84	111
Construction	121	281	96	110	147
Other Paid Employment	282	533	577	716	491
Total Non-Fishing Employment	760	1,018	825	1,065	880
Rental Property/Board	2	11	3	0	4
Investment Income/Interest	15	180	135	226	119
Regular UI	382	240	577	1,204	524
Fisherman's UI	3,460	2,726	3,517	2,267	3,150
Family Allowance	145	99	65	96	102
Social Assistance	29	49	12	409	80
Pensions	252	586	231	72	251
Other	105	940	165	61	307
Total Non-Fishing Income	5,190	5,651	5,527	5,400	5,617

TABLE 8:6

Income From Other Sources ($'s) (Average)

Part-Time Fishermen by Region

	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Fish Processing	577	748	250	94	473
Forestry	74	148	7	389	105
Construction	99	471	546	0	312
Other Paid Employment	1,639	3,956	1,477	2,750	2,275
Total Non-Fishing Employment	2,389	5,323	2,280	3,233	3,165
Rental Property/Board	28	0	0	0	10
Investment Income/Interest	44	335	89	10	125
Regular UI	1,498	897	1,979	1,391	1,478
Fisherman's UI	1,321	843	1,277	2,155	1,276
Family Allowance	261	110	178	81	181
Social Assistance	29	59	126	252	88
Pensions	465	487	155	106	341
Other	98	115	55	0	79
Total Non-Fishing Income	6,119	8,169	6,140	7,228	6,744

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 8:7

Income From Other Sources ($'s) (Average)

All Respondents by Province

	NOVA SCOTIA	NEW BRUNSWICK	PEI	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Fish Processing	348	182	0	139	267	242
Forestry	25	108	0	166	161	109
Construction	410	179	261	80	109	201
Other Paid Employment	1,614	1,290	753	1,260	678	1,072
Total Non-Fishing Employment	2,397	1,759	1,014	1,645	1,215	1,625
Rental Property/Board	7	0	8	0	9	6
Investment Income/Interest	242	165	95	168	26	121
Regular UI	555	1,134	1,294	1,254	713	835
Fisherman's UI	2,141	2,751	3,262	2,237	2,685	2,539
Family Allowance	106	84	152	92	161	128
Social Assistance	22	137	18	367	28	82
Pensions	471	213	29	81	287	281
Other	583	301	86	45	280	233
Total Non-Fishing Income	6,517	6,545	5,957	5,890	5,202	5,850

TABLE 8:8

Income From Other Sources ($'s) (Average)

Full-Time Fishermen by Province

	NOVA SCOTIA	NEW BRUNSWICK	PEI	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Fish Processing	175	241	0	156	82	130
Forestry	31	28	0	84	217	111
Construction	344	30	0	110	99	147
Other Paid Employment	660	608	529	716	266	491
Total Non-Fishing Employment	1,210	907	529	1,066	664	880
Rental Property/Board	10	0	12	0	2	4
Investment Income/Interest	177	243	70	226	16	119
Regular UI	349	554	793	1,204	349	524
Fisherman's UI	2,681	3,661	4,042	2,267	3,421	3,150
Family Allowance	94	65	117	96	118	102
Social Assistance	14	58	0	409	32	80
Pensions	441	194	42	72	247	251
Other	836	348	76	61	83	307
Total Non-Fishing Income	5,812	6,031	5,681	5,400	4,930	5,417

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 8:9

Income From Other Sources ($'s) (Average)

Part-Time Fishermen by Province

	NOVA SCOTIA	NEW BRUNSWICK	PEI	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Fish Processing	715	57	0	94	607	473
Forestry	12	279	0	389	58	105
Construction	549	498	855	0	126	312
Other Paid Employment	3,637	2,748	1,261	2,750	1,436	2,275
Total Non-Fishing Employment	4,913	3,582	2,116	3,233	2,227	3,165
Rental Property/Board	0	0	0	0	22	10
Investment Income/Interest	379	0	152	10	43	125
Regular UI	991	2,373	2,432	1,391	1,381	1,478
Fisherman's UI	997	805	1,486	2,155	1,332	1,276
Family Allowance	130	124	232	81	239	181
Social Assistance	39	305	58	252	22	88
Pensions	535	254	0	106	361	341
Other	48	202	108	0	76	79
Total Non-Fishing Income	8,032	7,646	6,584	7,228	5,704	6,744

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 9:1

Income Summary ($'s) (Average)

All Respondents by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Gross Fishing Revenue	5,601	7,348	14,0[illegible]	10,414	8,267	15,053	16,400	15,768	15,015	14,584	12,164	26,896	18,143	13,770
Total Fishing Costs	2,479	2,709	4,051	4,991	3,801	8,304	6,409	7,375	5,943	7,468	4,450	10,412	9,926	5,724
Net Fishing Income	3,122	4,639	10,034	5,423	4,466	6,749	9,991	8,393	9,072	7,116	7,714	16,484	8,217	8,046
Non-Fishing Employment	1,395	1,442	1,046	794	1,662	1,625	1,567	1,014	1,951	3,245	3,198	2,197	2,530	1,625
Transfer Payments (excluding U.I.)	373	772	183	244	620	441	420	199	647	749	983	461	491	490
Regular UI	428	1,047	943	507	1,853	512	1,257	1,294	1,040	650	930	288	643	835
Fishermen's UI	3,065	2,917	1,802	2,584	1,915	2,636	3,252	3,262	1,695	2,188	1,939	2,329	750	2,539
Total Non-Fishing Income	5,323	6,292	4,581	4,155	6,372	5,294	6,967	5,957	5,640	6,855	7,395	6,536	3,840	5,850
Total Income all Sources	8,445	10,931	14,615	9,578	10,838	12,043	16,958	14,350	14,712	13,971	15,109	23,020	12,057	13,896
Weeks Fished	14	15	24	15	13	14	14	17	16	20	21	26	19	17
Net Fishing as % of Total Income	37%	42%	69%	57%	41%	56%	59%	58%	62%	51%	51%	72%	68%	58%
U.I. as % of Total Income	41%	36%	19%	32%	35%	26%	27%	32%	19%	20%	19%	11%	12%	24%

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 9:2

Income Summary ($'s) (Average)

Full-Time Fishermen by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Gross Fishing Revenue	7,143	10,193	17,718	14,420	9,081	20,028	21,781	21,149	18,856	22,886	18,679	33,637	27,069	18,271
Total Fishing Costs	3,421	4,194	5,190	7,484	4,627	11,256	8,718	10,406	7,799	12,051	7,787	13,839	16,370	8,039
Net Fishing Income	3,722	5,999	12,528	6,936	4,458	8,772	13,063	10,743	11,057	10,835	10,892	19,798	10,699	10,232
Non-Fishing Employment	1,153	689	219	305	1,154	935	872	529	1,990	1,362	747	1,015	1,081	880
Transfer Payments (excluding U.I.)	316	505	505	289	705	389	233	159	689	965	1,184	345	738	433
Regular UI	253	278	713	224	1,677	513	586	793	848	105	549	182	396	524
Fisherman's UI	3,839	4,011	2,201	3,274	1,849	2,879	4,181	4,041	1,806	3,689	3,161	2,764	1,078	3,150
Total Non-Fishing Income	5,602	5,546	3,961	4,109	5,785	4,837	6,495	5,681	5,634	6,130	5,809	5,831	3,722	5,417
Total Income all Sources	9,324	11,545	16,489	11,045	10,243	13,609	19,558	16,424	16,691	16,965	16,701	25,629	14,421	15,649
Weeks Fished	15	17	28	18	13	15	15	20	19	23	27	29	23	20
Net Fishing as % of Total Income	40%	52%	76%	63%	44%	64%	67%	65%	66%	64%	65%	77%	74%	65%
U.I. as % of Total Income	44%	37%	18%	32%	34%	25%	24%	29%	16%	22%	22%	11%	10%	23%

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 9:3

Income Summary ($'s) (Average)

Part-Time Fishermen by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Gross Fishing Revenue	2,501	3,401	4,576	3,359	5,284	5,134	3,278	3,516	4,221	5,532	5,762	8,372	6,337	4,465
Total Fishing Costs	588	647	1,070	600	791	2,419	778	474	727	2,471	1,171	994	1,400	937
Net Fishing Income	1,913	2,754	3,506	2,759	4,493	2,715	2,500	3,042	3,494	3,061	4,591	7,378	4,937	3,528
Non-Fishing Employment	1,883	2,488	3,209	1,656	3,524	3,002	3,262	2,117	1,843	5,299	5,605	5,448	4,448	3,165
Transfer Payments (excluding U.I.)	487	1,142	425	164	311	543	876	289	527	514	785	779	163	610
Regular UI	780	2,114	1,545	1,006	2,500	509	2,894	2,432	1,580	1,244	1,304	577	969	1,478
Fishermen's UI	1,508	1,399	759	1,370	2,158	2,152	987	1,486	1,382	552	739	1,132	315	1,276
Total Non-Fishing Income	4,765	7,328	6,204	4,237	8,515	6,205	8,118	6,584	5,656	7,647	8,952	8,471	6,369	6,744
Total Income all Sources	6,678	10,082	9,710	6,996	13,008	8,920	10,618	9,626	9,150	10,078	13,543	15,849	11,306	10,272
Weeks Fished	12	11	15	11	12	12	10	10	8	16	15	18	14	13
Net Fishing as % of Total Income	29%	27%	36%	39%	35%	30%	24%	32%	38%	29%	34%	47%	44%	34%
U.I. as % of Total Income	34%	35%	24%	34%	36%	30%	37%	41%	32%	17%	15%	11%	11%	27%

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 9:4

Income Summary ($'s) (Average)

All Respondents by Region

	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Gross Fishing Revenue	8,236	22,307	14,296	11,298	13,770
Total Fishing Costs	2,934	9,110	6,137	5,812	5,724
Net Fishing Income	5,302	13,197	8,159	5,486	8,046
Non-Fishing Employment	1,329	2,502	1,277	1,645	1,625
Transfer Payments	540	577	354	540	490
Regular UI	769	466	1,013	1,254	835
Fisherman's UI	2,712	2,077	2,821	2,237	2,539
Total Non-Fishing Income	5,488	6,518	5,717	5,889	5,850
Total Income all Sources	10,790	19,715	13,876	11,375	13,896
Weeks Fished	17	23	16	14	17
Net Fishing as % of Total Income	49%	67%	59%	48%	58%
U.I. as % of Total Income	32%	13%	28%	31%	24%

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 9:5

Income Summary ($'s) (Average)

Full-Time Fishermen by Region

	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Gross Fishing Revenue	10,902	30,320	19,168	13,528	18,271
Total Fishing Costs	4,133	13,214	8,611	7,317	8,039
Net Fishing Income	6,769	17,106	10,557	6,211	10,232
Non-Fishing Employment	760	1,018	825	1,065	880
Transfer Payments	425	535	306	577	433
Regular UI	382	240	577	1,204	524
Fishermen's UI	3,460	2,726	3,517	2,267	3,150
Total Non-Fishing Income	5,150	5,651	5,527	5,400	5,417
Total Income all Sources	11,919	22,757	16,084	11,611	15,649
Weeks Fished	19	26	18	14	20
Net Fishing as % of Total Income	57%	75%	66%	53%	65%
U.I. as % of Total Income	32%	13%	25%	30%	23%

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 9:6

Income Summary ($'s) (Average)

Part-Time Fishermen by Region

	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Gross Fishing Revenue	3,272	7,073	3,479	5,201	4,465
Total Fishing Costs	704	1,308	645	1,698	937
Net Fishing Income	2,568	5,765	2,834	3,503	3,528
Non-Fishing Employment	2,389	5,323	2,260	3,233	3,165
Transfer Payments	753	656	459	440	610
Regular UI	1,488	897	1,979	1,391	1,478
Fisherman's UI	1,321	843	1,277	2,155	1,276
Total Non-Fishing Income	6,119	8,169	6,140	7,228	6,744
Total Income all Sources	8,687	13,934	8,974	10,731	10,272
Weeks Fished	12	16	11	12	13
Net Fishing as % of Total Income	30%	41%	32%	33%	34%
U.I. as % of Total Income	32%	12%	36%	33%	27%

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 9:7

Income Summary ($'s) (Average)

All Respondents by Province

	NOVA SCOTIA	NEW BRUNSWICK	PEI	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Gross Fishing Revenue	21,373	16,749	15,768	11,298	8,703	13,770
Total Fishing Costs	8,437	7,113	7,375	5,812	3,375	5,724
Net Fishing Income	12,936	9,636	8,393	5,486	5,328	8,046
Non-Fishing Employment	2,397	1,759	1,014	1,645	1,215	1,625
Transfer Payments	599	434	199	540	476	490
Regular UI	555	1,134	1,294	1,254	713	835
Fisherman's UI	2,141	2,751	3,262	2,237	2,685	2,539
Total Non-Fishing Income	6,517	6,545	5,957	5,890	5,202	5,850
Total Income all Sources	19,453	16,181	14,350	11,376	10,530	13,896
Weeks Fished	22	15	18	13	17	17
Net Fishing as % of Total Income	66%	60%	68%	48%	51%	58%
U.I. as % of Total Income	14%	24%	32%	31%	32%	24%

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 9:8

Income Summary ($'s) (Average)

Full-Time Fishermen by Province

	NOVA SCOTIA	NEW BRUNSWICK	PEI	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Gross Fishing Revenue	28,281	22,666	21,149	13,528	11,645	18,271
Total Fishing Costs	11,851	9,999	10,406	7,317	4,840	8,039
Net Fishing Income	16,430	12,667	10,743	6,211	6,805	10,232
Non-Fishing Employment	1,210	907	529	1,066	664	880
Transfer Payments	549	317	159	577	397	433
Regular UI	349	554	793	1,204	349	524
Fisherman's UI	2,681	3,661	4,042	2,267	3,421	3,150
Total Non-Fishing Income	5,812	6,031	5,681	5,400	4,930	5,417
Total Income all Sources	22,242	18,698	16,424	11,611	11,735	15,649
Weeks Fished	26	16	20	14	19	20
Net Fishing as % of Total Income	74%	68%	65%	53%	58%	65%
U.I. as % of Total Income	14%	23%	29%	30%	32%	23%

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 9:9

Income Summary ($'s) (Average)

Part-Time Fishermen by Province

	NOVA SCOTIA	NEW BRUNSWICK	PEI	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Gross Fishing Revenue	6,739	4,105	3,516	5,201	3,291	4,465
Total Fishing Costs	1,207	946	474	2,172	681	937
Net Fishing Income	5,532	3,159	3,042	3,029	2,610	3,528
Non-Fishing Employment	4,913	3,582	2,116	3,233	2,227	3,165
Transfer Payments	704	683	289	440	622	610
Regular UI	991	2,373	2,432	1,391	1,381	1,478
Fisherman's UI	997	805	1,486	2,155	1,332	1,276
Total Non-Fishing Income	8,032	7,646	6,584	7,228	5,704	6,744
Total Income all Sources	13,564	10,805	9,626	10,257	8,314	10,272
Weeks Fished	16	11	10	12	12	13
Net Fishing as % of Total Income	41%	29%	32%	30%	31%	34%
U.I. as % of Total Income	15%	29%	41%	35%	33%	27%

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 10:1

Incremental Ranges of Net Fishing Income

All Respondents by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Less than $1	177	209	52	425	345	376	568	57	144	64	149	327	124	3,017
$1 - $5,000	4,858	3,365	1,362	2,223	2,178	1,082	1,495	1,319	1,060	569	690	1,381	512	22,094
$5,001 - $10,000	916	1,086	823	840	276	458	696	861	431	167	342	1,078	225	8,199
$10,001 - $15,000	97	439	228	205	36	415	886	366	125	146	229	966	80	4,218
$15,001 - $20,000	34	35	483	164	69	40	436	142	176	118	33	1,087	60	2,877
$20,001 - $25,000	0	69	258	104	110	0	35	164	57	0	70	532	30	1,429
$25,001 - $30,000	0	0	221	104	36	40	223	90	19	0	58	332	65	1,188
$30,001 - $35,000	0	25	116	0	24	0	125	58	0	0	50	250	45	693
$35,001 - $40,000	17	0	0	0	0	29	34	24	0	24	0	114	15	257
$40,001 - $45,000	0	0	0	0	12	0	0	0	19	14	0	151	0	196
$45,001 - $50,000	0	0	0	0	0	0	44	0	0	0	15	61	0	120
Greater than $50,000	0	25	0	0	12	61	79	0	86	0	0	242	0	505

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 10:1 A

Incremental Ranges of Net Fishing Incomes

Full-Time Fishermen, by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Less than $1	137	81	0	244	279	235	203	25	144	14	39	191	0	1,592
$1 - $5,000	2,975	1,578	635	1,271	1,648	608	685	508	544	151	196	565	255	11,619
$5,001 - $10,000	848	858	680	519	276	297	617	790	411	132	223	779	189	6,619
$10,001 - $15,000	63	408	228	187	36	355	831	366	125	146	175	776	60	3,756
$15,001 - $20,000	34	35	483	164	69	40	402	116	176	94	17	921	30	2,581
$20,001 - $25,000	0	69	258	104	41	0	35	164	57	0	70	495	15	1,308
$25,001 - $30,000	0	0	164	104	36	40	223	90	19	0	58	280	65	1,079
$30,001 - $35,000	0	0	116	0	24	0	125	58	0	0	17	205	30	575
$35,001 - $40,000	17	0	0	0	0	29	34	24	0	24	0	114	15	257
$40,001 - $45,000	0	0	0	0	12	0	0	0	0	14	0	151	0	177
$45,001 - $50,000	0	0	0	0	0	0	44	0	0	0	15	61	0	120
Greater than $50,000	0	25	0	0	12	61	79	0	86	0	0	242	0	505

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 10:1 B

Incremental Ranges of Net Fishing Income

Part-Time Fishermen, by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Less than $1	40	128	52	181	65	141	365	32	0	50	109	135	124	1,422
$1 - $5,000	1,883	1,788	727	952	529	474	810	811	517	418	494	816	258	10,477
$5,001 - $10,000	68	229	144	321	0	161	79	71	20	36	119	299	36	1,583
$10,001 - $15,000	34	31	0	18	0	60	56	0	0	0	54	190	21	464
$15,001 - $20,000	0	0	0	0	0	0	35	26	0	24	15	166	30	296
$20,001 - $25,000	0	0	0	0	69	0	0	0	0	0	0	36	15	120
$25,001 - $30,000	0	0	57	0	0	0	0	0	0	0	0	52	0	109
$30,001 - $35,000	0	25	0	0	0	0	0	0	0	0	33	46	15	119
$35,001 - $40,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$40,001 - $45,000	0	0	0	0	0	0	0	0	19	0	0	0	0	19
$45,001 - $50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Greater than $50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 10:2

Incremental Ranges of Net Fishing Incomes

All Respondents, by Region

	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Less than $1	438	663	1,194	721	3,016
$1 - $5,000	9,585	3,153	6,097	3,260	22,095
$5,001 - $10,000	2,826	1,812	2,829	734	8,201
$10,001 - $15,000	764	1,421	1,583	451	4,219
$15,001 - $20,000	552	1,298	918	110	2,878
$20,001 - $25,000	327	632	360	110	1,429
$25,001 - $30,000	221	456	435	76	1,188
$30,001 - $35,000	141	345	183	24	693
$35,001 - $40,000	17	153	58	29	257
$40,001 - $45,000	0	165	19	12	196
$45,001 - $50,000	0	77	44	0	121
Greater than $50,000	12	242	164	74	492

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 10:3

Incremental Ranges of Net Fishing Income

All Respondents, by Province

	NOVA SCOTIA	NEW BRUNSWICK	PEI	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Less than $1	683	692	57	721	864	3,017
$1 - $5,000	3,701	2,007	1,319	3,260	11,808	22,095
$5,001 - $10,000	2,019	921	861	734	3,666	8,201
$10,001 - $15,000	1,466	967	366	451	970	4,220
$15,001 - $20,000	1,414	496	142	110	715	2,877
$20,001 - $25,000	659	65	164	110	431	1,429
$25,001 - $30,000	409	288	90	76	325	1,188
$30,001 - $35,000	301	170	58	24	141	694
$35,001 - $40,000	138	49	24	29	17	257
$40,001 - $45,000	184	0	0	12	0	196
$45,001 - $50,000	77	44	0	0	0	121
Greater than $50,000	328	79	0	74	25	506

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 11:1

Incremental Ranges of Total Income

All Respondents, by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Less than $1	40	37	52	280	292	316	422	48	52	36	78	222	71	1,946
$1 - $5,000	1,521	630	328	914	185	291	80	219	250	142	161	395	266	5,382
$5,001 - $10,000	2,717	1,904	899	1,392	1,237	489	627	810	809	237	215	548	220	12,104
$10,001 - $15,000	1,300	1,692	794	952	784	672	1,303	779	217	162	436	1,070	261	10,422
$15,001 - $20,000	298	622	511	83	329	564	779	739	328	286	338	1,259	98	6,234
$20,001 - $25,000	123	210	486	236	53	40	785	150	263	130	154	1,126	75	3,831
$25,001 - $30,000	66	110	247	104	110	0	88	151	38	71	49	699	71	1,804
$30,001 - $35,000	0	0	175	104	85	40	173	71	54	0	137	346	51	1,236
$35,001 - $40,000	17	25	52	0	0	0	125	91	0	24	55	228	15	632
$40,001 - $45,000	17	0	0	0	0	29	69	24	0	0	0	91	0	230
$45,001 - $50,000	0	0	0	0	0	0	12	0	19	14	15	195	0	255
Greater than $50,000	0	25	0	0	25	61	157	0	86	0	0	343	30	727

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 11:1 A

Incremental Ranges of Total Incomes

Full-Time Fishermen, by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Less than $1	0	0	0	99	279	215	122	25	52	0	39	110	0	941
$1 - $5,000	653	296	119	465	107	189	80	84	126	21	0	158	121	2,419
$5,001 - $10,000	1,969	1,197	492	907	1,135	268	474	330	498	95	82	407	139	7,993
$10,001 - $15,000	1,132	841	648	667	600	395	719	644	184	113	288	675	172	7,078
$15,001 - $20,000	142	457	511	83	109	427	554	598	328	216	206	962	56	4,649
$20,001 - $25,000	77	169	433	164	53	40	751	150	196	70	50	899	60	3,112
$25,001 - $30,000	66	69	133	104	41	0	41	125	38	21	15	571	45	1,269
$30,001 - $35,000	0	0	175	104	85	40	173	71	54	0	93	273	51	1,119
$35,001 - $40,000	17	0	52	0	0	0	125	91	0	24	21	111	15	456
$40,001 - $45,000	17	0	0	0	0	29	69	24	0	0	0	91	0	230
$45,001 - $50,000	0	0	0	0	0	0	12	0	0	21	15	179	0	227
Greater than $50,000	0	25	0	0	25	61	157	0	86	0	0	343	0	697

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 11:1 B

Incremental Ranges of Total Income

Part-Time Fishermen, by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Less than $1	40	37	52	181	12	101	299	23	0	36	39	112	71	1,003
$1 - $5,000	868	334	209	449	78	101	0	135	124	121	161	237	145	2,962
$5,001 - $10,000	748	707	406	485	102	221	153	480	312	142	132	141	80	4,109
$10,001 - $15,000	168	851	146	285	184	277	585	135	34	50	148	395	89	3,347
$15,001 - $20,000	156	166	0	0	219	136	226	142	0	70	132	297	41	1,585
$20,001 - $25,000	46	41	52	72	0	0	35	0	67	60	104	226	15	718
$25,001 - $30,000	0	41	114	0	69	0	47	26	0	50	33	128	27	535
$30,001 - $35,000	0	0	0	0	0	0	0	0	0	0	44	73	0	117
$35,001 - $40,000	0	25	0	0	0	0	0	0	0	0	33	117	0	175
$40,001 - $45,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$45,001 - $50,000	0	0	0	0	0	0	0	0	19	0	0	16	0	35
Greater than $50,000	0	0	0	0	0	0	0	0	0	0	0	0	30	30

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 11:2

Incremental Ranges of Total Incomes

All Respondents, by Region

	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Less than $1	129	407	802	607	1,945
$1 - $5,000	2,478	964	1,463	476	5,381
$5,001 - $10,000	5,519	1,220	3,639	1,726	12,104
$10,001 - $15,000	3,787	1,929	3,251	1,455	10,422
$15,001 - $20,000	1,431	1,980	1,930	892	6,233
$20,001 - $25,000	818	1,485	1,435	94	3,832
$25,001 - $30,000	423	890	381	110	1,804
$30,001 - $35,000	175	533	403	125	1,236
$35,001 - $40,000	94	322	216	0	632
$40,001 - $45,000	17	91	93	29	230
$45,001 - $50,000	0	224	31	0	255
Greater than $50,000	25	373	242	86	726

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 11:3

Incremental Ranges of Total Income

All Respondents, by Province

	NOVA SCOTIA	NEW BRUNSWICK	PEI	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Less than $1	388	493	48	607	409	1,945
$1 - $5,000	948	346	219	476	3,392	5,381
$5,001 - $10,000	1,809	847	810	1,726	6,910	12,102
$10,001 - $15,000	1,886	1,564	779	1,455	4,739	10,423
$15,001 - $20,000	2,210	877	739	892	1,514	6,232
$20,001 - $25,000	1,673	860	150	94	1,055	3,832
$25,001 - $30,000	857	159	151	110	527	1,804
$30,001 - $35,000	536	224	71	125	279	1,235
$35,001 - $40,000	307	140	91	0	94	632
$40,001 - $45,000	91	69	24	29	17	230
$45,001 - $50,000	243	12	0	0	0	255
Greater than $50,000	429	187	0	86	25	727

TABLE 12:1

Fishing Activity by Species Fished in Weeks (Average)

All Respondents, by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Groundfish	10.1	11.5	22.0	9.3	7.1	12.5	2.8	5.1	6.9	10.0	13.0	12.5	2.4	10.1
Herring/Capelin	0.6	1.0	0.6	1.6	1.5	1.7	2.1	1.5	3.6	2.3	2.6	2.8	3.3	1.6
Mackerel	0.5	0.5	0.4	0.1	0.9	0.2	1.1	1.1	2.9	4.1	3.4	1.5	0.5	1.0
Salmon	1.9	0.4	0.4	0.8	0.5	0.0	0.1	0.1	0.5	0.0	0.1	0.0	0.0	0.5
Lobster	2.0	0.6	2.5	3.8	1.9	1.6	3.9	6.4	6.0	6.7	4.6	7.0	4.7	3.7
Crab	0.2	1.4	0.0	0.0	2.3	0.3	2.0	0.1	1.6	0.1	0.7	0.1	0.0	0.7
Shrimp	0.0	0.0	0.0	1.8	0.0	0.6	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4
Scallops	0.1	0.0	0.4	0.9	0.5	0.0	0.5	0.6	0.5	0.9	0.4	4.3	1.9	0.9
Squid	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Clams/Oyster	0.0	0.0	0.0	0.0	0.0	0.2	0.5	2.2	0.0	0.0	0.1	0.3	1.1	0.3
Other	0.1	0.2	1.4	0.4	1.0	0.9	0.6	3.3	0.6	1.3	0.2	1.1	5.7	1.0

TABLE 12:2

Fishing Activity by Species Fished in Weeks (Average)

Full-time Fishermen, by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Groundfish	10.9	13.2	25.4	10.7	7.3	13.3	5.1	6.7	8.6	12.2	18.2	13.9	2.7	11.4
Herring/Capelin	0.8	1.2	0.7	1.9	1.8	2.2	2.1	2.1	4.5	1.9	2.3	2.2	4.3	1.8
Mackerel	0.7	0.3	0.4	0.1	1.0	0.3	1.2	1.6	3.6	4.2	3.0	1.5	0.0	1.1
Salmon	2.3	0.6	0.4	0.7	0.7	0.0	0.1	0.2	0.7	0.1	0.1	0.0	0.0	0.6
Lobster	2.4	0.8	3.0	4.2	1.8	2.1	3.6	7.7	6.3	7.0	5.1	7.5	6.3	4.1
Crab	0.1	2.4	0.0	0.0	2.6	0.2	2.7	0.1	1.5	0.1	1.2	0.1	0.0	0.9
Shrimp	0.0	0.0	0.0	2.8	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.6
Scallops	0.1	0.0	0.4	0.9	0.2	0.0	0.4	0.8	0.6	1.8	0.2	4.7	2.5	1.1
Squid	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Clams/Oyster	0.0	0.0	0 0	0.0	0.0	0.3	0.5	1.5	0.0	0.0	0.0	0.1	1.3	0.2
Other	0.1	0.0	1.6	0.6	1.2	1.3	0.4	3.9	0.8	1.6	0.1	1.2	5.8	1.1

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 12:3

Fishing Activity by Species Fished in Weeks (Average)

Part-time Fishermen, by Task Force Area

	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Groundfish	8.6	9.2	13.0	6.7	6.5	10.9	2.0	1.4	2.2	7.5	7.9	8.5	2.2	7.2
Herring/Capelin	0.3	0.9	0.4	1.0	0.2	0.6	2.2	0.1	0.9	2.7	3.0	0.9	2.0	1.0
Mackerel	0.3	0.8	0.4	0.1	0.4	0.1	1.0	0.0	1.2	4.0	3.7	1.3	1.1	0.9
Salmon	1.2	0.3	0.3	0.9	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.3
Lobster	1.3	0.3	1.2	3.3	2.1	0.6	4.7	3.3	5.0	6.5	4.0	3.8	2.5	2.8
Crab	0.4	0.1	0.0	0.0	1.4	0.5	0.3	0.1	1.8	1.2	0.3	0.2	0.0	0.3
Shrimp	0.0	0.0	0.0	0.2	0.0	1.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Scallops	0.0	0.0	0.5	0.9	1.7	0.0	0.8	0.1	0.0	0.0	0.6	3.2	1.1	0.7
Squid	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1
Clams/Oyster	0.0	0.0	0.0	0.0	0.0	0.0	0.3	3.6	0.0	0.0	0.2	0.6	0.9	0.4
Other	0.0	0.5	0.7	0.1	0.2	0.0	1.0	1.9	0.0	1.0	0.3	0.9	5.6	0.7

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 12:4

Fishing Activity by Species Fished in Weeks (Average)

All Respondents by Region

	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Groundfish	13.4	11.2	5.8	9.5	10.1
Herring/Capelin	0.8	2.2	2.0	1.6	1.6
Mackerel	0.5	1.9	1.1	0.6	1.1
Salmon	1.0	0.4	0.3	0.3	0.5
Lobster	1.6	6.3	4.8	1.8	3.7
Crab	0.6	0.2	0.9	1.4	0.7
Shrimp	0.0	0.0	1.3	0.3	0.4
Scallops	0.1	3.1	0.6	0.3	0.9
Squid	0.2	0.0	0.0	0.0	0.0
Clams/Oyster	0.0	0.3	0.6	0.1	0.3
Other	0.4	1.5	1.1	0.9	1.0

TABLE 12:5

Fishing Activity by Species Fished in Weeks (Average)

Full-time Fishermen by Region

	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Groundfish	15.5	13.2	6.9	9.7	11.4
Herring/Capelin	0.9	2.4	2.4	2.0	1.8
Mackerel	0.5	1.8	1.4	0.7	1.1
Salmon	1.2	0.0	0.4	0.4	0.6
Lobster	2.0	7.0	5.1	1.9	4.1
Crab	0.8	0.2	1.2	1.6	0.9
Shrimp	0.0	0.0	1.8	0.0	0.6
Scallops	0.1	3.7	0.6	0.1	1.1
Squid	0.1	0.0	0.0	0.0	0.0
Clams/Oyster	0.0	0.2	0.5	0.1	0.2
Other	0.5	1.5	1.3	1.3	1.1

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 12:6

Fishing Activity by Species Fished in Weeks (Average)

Part-time Fishermen by Region

	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Groundfish	9.7	7.3	3.5	9.0	7.2
Herring/Capelin	0.6	1.7	1.1	0.4	1.0
Mackerel	0.5	2.2	0.5	0.2	0.9
Salmon	0.6	0.3	0.3	0.0	0.3
Lobster	0.8	5.1	3.9	1.3	2.8
Crab	0.2	0.2	0.3	0.9	0.3
Shrimp	0.0	0.0	0.2	1.1	0.2
Scallops	0.1	1.8	0.6	0.8	0.7
Squid	0.3	0.0	0.0	0.0	0.1
Clams/Oyster	0.0	0.5	0.9	0.0	0.4
Other	0.3	1.4	0.8	0.1	0.7

TABLE 12:7

Fishing Activity by Species Fished in Weeks (Average)

All Respondents by Province

	NOVA SCOTIA	NEW BRUNSWICK	P.E.I.	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Groundfish	11.3	2.7	5.1	9.5	12.5	10.1
Herring/Capelin	2.3	2.3	1.5	1.6	0.9	1.6
Mackerel	2.3	1.0	1.1	0.6	0.4	1.0
Salmon	1.0	0.1	0.1	0.3	1.0	0.5
Lobster	6.5	4.1	6.4	1.8	2.1	3.7
Crab	0.5	1.6	0.1	1.4	0.5	0.7
Shrimp	0.0	1.9	0.0	0.3	0.4	0.4
Scallops	2.7	0.8	0.6	0.3	0.3	0.9
Squid	0.0	0.0	0.0	0.0	0.2	0.0
Clams/Oyster	0.2	0.6	2.2	0.1	0.0	0.3
Other	0.9	1.6	3.3	0.9	0.4	1.0

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 12:8

Fishing Activity by Species Fished in Weeks (Average)

Full-time Fishermen by Province

	NOVA SCOTIA	NEW BRUNSWICK	P.E.I.	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Groundfish	13.2	5.0	6.7	9.7	14.5	11.4
Herring/Capelin	2.6	2.4	2.1	2.0	1.1	1.8
Mackerel	2.3	1.0	1.6	0.7	0.4	1.1
Salmon	0.2	0.1	0.2	0.4	1.1	0.6
Lobster	7.0	4.0	7.8	1.9	2.5	4.1
Crab	0.5	2.2	0.1	1.6	0.6	0.9
Shrimp	0.0	2.6	0.0	0.0	0.6	0.6
Scallops	1.2	0.7	0.8	0.1	0.3	1.1
Squid	0.0	0.0	0.0	0.0	0.1	0.0
Clams/Oyster	0.1	0.6	1.5	0.1	0.0	0.2
Other	1.0	1.3	3.9	1.3	0.5	1.1

TABLE 12:9

Fishing Activity by Species Fished in Weeks (Average)

Part-time Fishermen by Province

	NOVA SCOTIA	NEW BRUNSWICK	P.E.I.	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Groundfish	7.3	2.0	1.4	9.0	9.0	7.2
Herring/Capelin	1.6	2.1	0.1	0.4	0.7	1.0
Mackerel	2.2	1.0	0.0	0.2	0.4	0.9
Salmon	0.0	0.1	0.0	0.0	0.7	0.3
Lobster	5.4	4.1	3.3	1.3	1.4	2.8
Crab	0.5	0.2	0.0	0.9	0.2	0.3
Shrimp	0.0	0.3	0.0	1.1	0.0	0.2
Scallops	1.7	0.9	0.1	0.8	0.3	0.7
Squid	0.0	0.0	0.0	0.0	0.3	0.1
Clams/Oyster	0.3	0.5	3.6	0.0	0.0	0.4
Other	0.6	2.2	1.9	0.1	0.3	0.7

TABLE 13:1

Types of Vessels Worked on Most*

All Respondents, by Task Force Area

VESSEL TYPE	N.E. NFLD & LAB	S.E. NFLD	SOUTH NFLD	WEST NFLD	N.S. QUEBEC	GASPÉ QUEBEC	GULF N.B.	PEI	GULF N.S.	N.E. N.S.	E.S. N.S.	S.W. N.S.	FUNDY N.B.	ATLANTIC TOTAL
Dragger	51	267	137	706	130	38	550	49	275	36	49	2,647	139	5,072
Multi-Purpose	0	70	0	57	249	0	0	139	857	0	730	1,168	45	3,315
Tender	290	494	188	967	1,175	407	2,430	2,721	1,116	879	265	2,883	698	14,512
Longliner	1,162	2,269	493	511	209	638	47	0	57	36	153	1,132	47	6,754
Gillnetter	34	0	0	275	248	633	358	23	0	0	107	84	80	1,742
Outboard	5,791	3,020	2,194	2,451	340	542	457	562	34	74	187	661	415	16,727
Trawler	0	242	1,580	0	931	316	1,010	0	137	288	335	297	21	5,156
Seiner	0	0	0	0	0	40	132	23	34	0	66	261	160	715

* Based on the three most frequently used vessels per respondent.

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 13:2

Types of Vessels Worked on Most*

All Respondents, by Region

VESSEL TYPE	NEWFOUNDLAND	SCOTIA-FUNDY	GULF	QUEBEC	ATLANTIC TOTAL
Dragger	454	2,870	1,580	168	5,072
Multi-Purpose	70	1,942	1,054	249	3,315
Tender	972	4,725	7,233	1,582	14,512
Longline	3,924	1,367	615	848	6,754
Gillnetter	34	270	656	782	1,742
Outboard	11,005	1,337	3,504	882	16,727
Trawler	1,822	941	1,147	1,246	5,156
Seiner	0	487	188	40	715

* Based on the three most frequently used vessels per respondent.

1984 SURVEY OF ATLANTIC FISHERMEN

TABLE 13:3

Types of Vessels Worked on Most*

All Respondents, by Province

VESSEL TYPE	NOVA SCOTIA	NEW BRUNSWICK	P.E.I.	QUEBEC	NEWFOUNDLAND	ATLANTIC TOTAL
Dragger	3,006	689	49	168	1,161	5,073
Multi-Purpose	2,755	45	139	249	127	3,315
Tender	5,143	3,128	2,721	1,582	1,939	14,513
Longliner	1,377	94	0	848	4,436	6,755
Gillnetter	191	437	23	782	309	1,742
Outboard	955	873	562	882	13,455	16,727
Trawler	1,057	1,031	0	1,246	1,822	5,156
Seiner	361	292	23	40	0	716

* Based on the three most frequently used vessels per respondent.

APPENDIX III

COMPARISON OF RESULTS OF 1981 and 1984 SURVEYS

This appendix compares the responses from the 1981 and 1984 surveys of Atlantic fishermen conducted by the Department of Fisheries and Oceans. The first survey was completed in 1982 for the Task Force on Atlantic Fisheries with information for the 1981 fishing year. The sample size included 868 active fishermen in Newfoundland, New Brunswick, Nova Scotia, and P.E.I. The second survey requested information for 1984 and involved 1,433 active fishermen.

Because the sample size in 1984 was almost twice as large as the one used in 1981, there are limits to the level of detail at which comparisons can be made. A larger sample size provides a more accurate picture and a greater degree of confidence in the results. Therefore, comparisons will be made only at the Atlantic-wide level, as the difference in numbers of respondents in the sub-areas (province, region, or task-force area) would make these comparisons somewhat tenuous.

The province of Quebec was not included in the 1981 survey. Its inclusion in 1984 certainly strengthens the representative picture of the Atlantic fishery. However, to provide the most accurate comparisons between the two years, Quebec is excluded from the 1984 totals in this appendix. Therefore, Atlantic averages here are based on respondents in Newfoundland, Nova Scotia, New Brunswick and P.E.I.

Debt repayment was also included in 1984 and not in 1981. These costs, therefore, have been removed from the 1984 survey results in this appendix. The reader is cautioned therefore that the 1984 net income figures appearing in this appendix will be higher than those appearing elsewhere in the report in order to provide a consistent income comparison between the two survey years.

In 1981 there were 40,878 fishermen actively fishing in these four provinces -- 23,434 full-timers and 17,444 part-timers. In 1984, there were 39,197 (a decrease of 4%) -- 26,088 full-timers (an increase of 11%) and 13,108 part-timers (a decrease of 25%).

In 1981, respondent fishermen held either a full-time or a part-time licence designation, according to whether or not DFO officials had judged fishing to be their primary occupation during the 1980 fishing season for their particular area. By 1984, an additional "bona-fide" fisherman category existed in parts of New Brunswick, Nova Scotia and P.E.I., so that survey fishermen or respondents designated themselves as either full-time or part-time. The criteria should have been the same except that in 1981 the classification was officially assigned

and in 1984 it was self-designated. In 1984, it appears that more fishermen who considered themselves full-time had possibly been considered part-time in 1981.

For the most part, the difference in weeks fished between the two years was small. Full-time fishermen in 1981 fished an average of 23 weeks and part-timers, an average of 12 weeks. This compares to 1984 figures of 21 and 13 respectively.

According to survey results, between 1981 and 1984 the average gross fishing income for all active fishermen in Nova Scotia, New Brunswick, Newfoundland and P.E.I. declined by 2% from $14,477 to $14,122 (current dollars). Regions income of full-time fishermen went down by 15% from $22,452 to $19,017. Part-time fishermen earned 18% more, up from $3,703 in 1981 to $4,381.

Total fishing expenses declined by 20%, from $6,421 in 1981 to $5,161 in 1984. Full-timers incurred $10,510 in expenses in 1981 and $7,355 in 1984, a drop of 30%. Expenses of part-time fishermen declined by 14% from $919 to $794. Fuel, oil, grease, bait, ice, and salt expenses, as well as crew shares, all declined quite substantially between 1981 and 1984. However, repairs, maintenance and expenses due to loss of vessels and gear increased (see Table IIIA).

Average net fishing income rose by 11% from $8,056 in 1981 to $8,962 in 1984. Net fishing income for full-timers declined by 2%, from $11,942 to $11,662. Net fishing income for part-timers increased by 29% from $2,788 to $3,587.

Income and expenses are presented initially in Table IIIA in current-year values, unadjusted for inflation. The inflation rate between 1981 and 1984 was approximately 22.3%. To compare changes in real income, the 1981 dollar values have been adjusted by this rate, and comparisons are made in 1984 dollars in Table IIIB. These comparisons show whether or not fishing income has increased sufficiently to keep pace with the increase in the cost of living.

A comparison of 1981 and 1984 fishing incomes in constant 1984 dollars reveals that fishermen, on average, were earning more from fishing in 1981 than in 1984. Gross fishing incomes averaged $17,705 in 1981 and $14,122 in 1984, a real decline of 20%. Full-timers earned 31% less and part-timers earned 3% less.

However, expenses declined as well in 1984 dollars - on average by 34%. Full-time fishermen paid 43% less in expenses in 1984 and part-timers paid 29% less.

Therefore, net fishing income, on average, declined oy 9% in real terms. For full-timers, the decline averaged 20%, while for part-timers there was an average 5% gain in real income between 1981 and 1984.

Incomes in the fishery depend on world prices, the resource base, and the number of active fishermen participating in a particular year. Therefore, income from fishing cannot be guaranteed to increase each year with the cost of living. Rising costs, however, may be covered by other sources of income.

Total income from all sources in 1984 averaged $14,805, an increase of 7% over the 1981 average of $13,829 (current dollars). A comparison of sources of total income between the two years in current dollars is presented in Table IIIC. Total non-fishing income for the average fisherman rose by 1% between 1981 and 1984. It increased by 41% for full-time fishermen and fell by 20% for part-time fishermen.

Although the net fishing income for the average full-time fisherman decreased by 2%, his/her total income rose by 8% between 1981 and 1984. For the full-time fisherman, the average value of UI benefits rose by 50%, from $2,466 to $3,706. Other government transfers and pension incomes fell by 8%. The average full-timer earned 41% more from other paid employment and other income sources, such as interest and investment income, or rental and board income.

Part-time fishermen averaged a decrease of 8% in total income between the two survey years, although their net fishing income increased by 29% (current dollars). This was due to a decrease of 14% in income from transfers and pensions, and a decrease of 41% in income from non-fishing employment and other unspecified sources.

Adjusting for inflation between 1981 and 1984, there was an overall decline in fishermen's real incomes from all sources of 12%. These changes are summarized in Table IIID. Full-timers averaged a decline in real income of 11% and part-timers, 25%. Even considering income from non-fishing employment and government transfers which supplement fishing incomes, the survey reveals that the average fisherman experienced a decline in his/her standard of living between 1981 and 1984.

TABLE IIIA
Fishing Income and Expenses, 1981 and 1984 Survey Results

	All (avg.)		Full-Time (avg.)		Part-Time (avg.)	
	1981	1984	1981	1984	1981	1984
FISHING INCOME						
Fish Sales + Crew Shares	13 196	14 072 (+7%)	20 909	18 951 (-9%)	2 778	4 363 (+57%)
Sealing	40	9 (-78%)	64	13 (-80%)	9	1 (-89%)
Rebates	46	10 (-78%)	68	14 (-79%)	17	2 (-88%)
Other Income	897	31 (-97%)	988	39 (-96%)	776	16 (-98%)
FISHING EXPENSES						
Gross Fishing Income	14 477	14 122 (-2%)	22 452	19 017 (-15%)	3 703	4 381 (+18%)
Fuel, Oil, Grease	1 181	927 (-22%)	1 914	1294 (-32%)	201	195 (-3%)
Bait, Ice, Salt	475	396 (-17%)	756	571 (-24%)	94	47 (-50%)
Crew Shares	2 791	1 807 (-35%)	4 668	2 657 (-43%)	276	116 (-58%)
Other Operating Costs*	376	341 (-9%)	596	455 (-24%)	81	112 (+38%)
Other Fishing Costs**	48	242 (+404%)	68	338 (+397%)	21	50 (+138%)
Repairs, Maintenance, Losses	787	1 032 (+31%)	1 275	1 439 (+13%)	130	222 (+71%)
Fixed Costs***	525	419 (-20%)	885	604 (-32%)	43	53 (+23%)
TOTAL EXPENSES	6 421	5 160 (-20%)	10 510	7 355 (-30%)	919	794 (-14%)
NET FISHING INCOME	8 056	8 962 (+11%)	11 942	11 662 (-2%)	2 788	3 587 (+29%)

* Includes wharfage, provisions, fish transportation, unloading.
** Includes fishing season accomodation, vehicle and travel costs.
***Payments on Gear/Vessel includes insurance, interest, rentals, fees, dues.

TABLE IIIB

Fishing Income and Expenses, 1981 (adusted to 1984 $'s) and 1984 Survey Results

	All (avg.)		Full-Time (avg.)		Part-Time (avg.)	
	1981	1984	1981	1984	1981	1984
FISHING INCOME						
Fish Sales + Crew Shares	16 139	14 071 (-13%)	25 572	18 951 (-26%)	3 397	4 363 (+28%)
Sealing	49	9 (-82%)	78	13 (-83%)	11	1 (-91%)
Rebates	56	10 (-82%)	83	14 (-83%)	21	2 (-90%)
Other Income	1 097	31 (-97%)	1 208	39 (-97%)	949	16 (-98%)
Gross Fishing Income	17 705	14 122 (-20%)	27 459	19 017 (-31%)	4 528	4 381 (-3%)
FISHING EXPENSES						
Fuel, Oil, Grease	1 444	927 (-36%)	2 341	1 294 (-45%)	246	195 (-21%)
Bait, Ice, Salt	581	396 (-32%)	925	571 (-38%)	115	47 (-59%)
Crew Shares	3 413	1 807 (-47%)	5 709	2 657 (-53%)	338	116 (-66%)
Other Operating Costs*	460	341 (-26%)	729	455 (-38%)	99	112 (+13%)
Other Fishing Costs**	59	242 (+310%)	83	338 (+307%)	26	50 (+92%)
Repairs, Maintenance Losses	963	1 032 (+7%)	1 559	1 439 (-8%)	159	222 (+40%)
Fixed Costs***	642	419 (-35%)	1 082	604 (-44%)	53	53 (0%)
TOTAL EXPENSES	7 853	5 161 (-34%)	12 854	7 355 (-43%)	1 119	794 (-29%)
NET FISHING INCOME	9 852	8 962 (-9%)	14 605	11 662 (-20%)	3 409	3 587 (+5%)

* Includes wharfage, provisions, fish transportation, unloading.
** Includes fishing season accomodation, vehicle and travel costs.
*** Includes insurance, interest, rentals, fees, dues.

TABLE IIIC

Income from all Sources, 1981 and 1984 Survey Results

Income Source	All (avg.)		Full-Time (avg.)		Part-Time (avg.)	
	1981	1984	1981	1984	1981	1984
Gross Fishing Income	14 447	14 122 (-2%)	22 452	19 017 (-15%)	3 703	4 381 (+18%)
Net Fishing Income	8 056	8 962 (+11%)	11 942	11 662 (-2%)	2 788	3 587 (+29%)
UI Income (Fishermen's & Regular)	2 046	3 357 (+64%)	2 466	3 706 (+50%)	1 832	2 663 (+45%)
Transfers & Pensions	565	484 (-14%)	446	410 (-8%)	729	630 (-14%)
Non-Fishing Employment & Other Income	3 162	2 003 (-37%)	925	1 303 (+41%)	5 848	3 395 (-42%)
Total Non-Fishing Income	5 773	5 843 (+1%)	3 837	5 420 (+41%)	8 409	6 688 (-20%)
Total Income, All Sources	13,829	14,805 (+7%)	15 779	17 082 (+8%)	11 197	10 275 (-8%)

* Other Income includes rental income/board, investment/interest income, and other unspecified sources of income.

TABLE IIID

Income from all Sources, 1981 (adjusted to 1984 $'s) and 1984 Survey Results

Income Source	All (avg.)		Full-Time (avg.)		Part-Time (avg.)	
	1981	1984	1981	1984	1981	1984
Gross Fishing Income	17 705	14 122 (-20%)	27 459	19 017 (-31%)	4 529	4 381 (-3%)
Net Fishing Income	9 852	8 962 (-9%)	14 605	11 662 (-20%)	3 410	3 587 (+5%)
UI Income (Fishermen's & Regular)	2 502	3 357 (+34%)	3 016	3 706 (+23%)	2 241	2 663 (+18%)
Transfers & Pensions	691	484 (-30%)	545	410 (-25%)	892	630 (-29%)
Non-Fishing Employment & Other Income	3 867	2 003 (-48%)	1 131	1 303 (+15%)	7 152	3 395 (-53%)
Total Non-Fishing Income	7 060	5 843 (-17%)	4 693	5 420 (+15%)	10 284	6 688 (-35%)
Total Income, All Sources	16 913	14 805 (-12%)	19 298	17 082 (-11%)	13 694	10 275 (-25%)

* Other Income includes rental income/board, investment/interest income, and other unspecified sources of income.